### INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG) and Research Program (RP)

FISCAL YEAR 1977

Fiscal Year 1977 covers the period from October 1, 1976 through September 30, 1977

This report was compiled from data supplied to the Current Research Information System, Technical Information Systems, by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions.

### Issued by

TECHNICAL INFORMATION SYSTEMS
SCIENCE AND EDUCATION ADMINISTRATION
U.S. DEPARTMENT OF AGRICULTURE
BELTSVILLE, MARYLAND 20705

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Classification Codes and Descriptors

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Country/State Summaries by Region Foreign	
Australia, Argentina, Canal Zone, El Salvador	1
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Connecticut Delaware	9
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Idaho
Montana
Nevada
New Mexico
Oregon
Utah
Washington
Wyoming
Guam

### INTRODUCTION

les compiled annually since 1966, on research conducted to Agricultural Experiment Stations, Forestry Schools, a perating Institutions. The tables were designed to assicarry out the "joint research program planning, evaluated in the long-range study, A Nation

Inventory of Agricultural Research is a collection of s

Research for Agriculture, published in October 1966. In vided to the Current Research Information System (CRIS)

earch agencies on Forms AD 416, AD 417, and AD 418, and cultural Experiment Stations and other Institutions on 416, AD 417 and AD 419. (See Table of Contents)

Inventory is composed of five tables published in three ame I (Tables I-A and I-B) reports scientist years and a less by each performing organization, by designated Researd (RPA) and Commodity subdivisions. The I-A Tables show X Commodity, I-B Tables show total research for each Research

mme II includes Tables in the II, III and IV series. Taseries show scientist years and funds for State Agricult Stations, Forestry Schools, Other Cooperating Institut agencies. Tables in the III series show funding data

lem Area.

tion.

earch by source of funds. Tables in the IV series show State stations and other non-Federal institutions by so

II-B, III-B, and IV-B Tables show a breakdown of the dandity classification used in the Long-Range Study. The D, and IV-D Tables show data for each of the 98 Research (RPA) used in the Long-Range Study. The II-E, III-E, les provide summaries of funds and scientist years by a

le V in Volume III shows scientist years by Research Pro G) and Research Program (RP). RP's and RPG's are made of binations determined by type of research (Agricultural of modity, and Research Problem Areas (RPA) classification opearing in Volumes I and II are gross figures. This means th ed to specific research projects but considered to be an integ of doing research are prorated to the appropriate research p and amount of funds not allocated to projects varies among the encies. It usually includes administration, supervision, and

al services. It may include publications and statistical serv on of research farms, and other expenditures that relate to se .. Prior to Fiscal Year 1972 Tables III and IV in Volume II r

n Work Unit/Project Classification - Listings of the appropria egories are included in each of the volumes. More complete d ication can be found in the "Manual of Classification of Agric Research" available from the Agricultural Information Divisi tion Systems, U. S. Department of Agriculture.

cation on individual Research Work Unit/Projects are provided outs used only one line. For example, a project carried out b control of cotton insects would be coded:

ctivity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton) eld of Science" - 0412 (Entomology), "Problem Area"- 207

nsect pests of Field Crops) - 100% outs (projects) could not be classified on a single classificanple, a project carried out by a geneticist on breeding corn f nce and improved yield would use two classification lines. If

the person preparing the input form, three-fourths of the emp resistance and one-fourth on yield, the lines would be: ctivity" - 4600 (Disease control), "Commodity" - 1400 (Corn), ield of Science" - 0512 (Genetics), "Problem Area" - 208 ontrol of disease of field crops) - 75%

ctivity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn), ield of Science" 0512 (Genetics), "Problem Area" - 307 mprovement of biological efficiency of field crops) - 25%

Problem Area tabulations, 75% of the scientist years and of the for this project would be aggregated with other projects in th Control of diseases of field crops," and 25% would be aggregat in the Problem Area "Improvement of biological efficiency o Commodity tabulations, 100% of this project would be in "corn.

### VOLUME III

ven (7) Research Program Groups (RPGs). One addition of established for unclassified projects. In this prestry Research includes all research performed by Frestry Schools, funded by McIntire-Stennis, or designative State Research Service. All other insidered agricultural research. Duplication has been designating each unique Type X Commodity X RPA combig a primary impact on only one of the 48 RPs. For esearch project conducted by the Agricultural Research project conducted by the Agricultural Research mand watershed protection, Commodity 0300 "Watershed sins" and RPA 107 "Watershed Protection and Managements."

having a primary impact on RP 1.02 "Water and Water search project conducted by the Forest Service conce otection Commodity 0300 "Watersheds and River Basins atershed Protection and Management" is reported as I

e material in this Volume has been organized into mad sub-units based on type of research (Agricultural mmodity, and Research Problem Area (RPA) Classificaterious Commodity X RPA Combinations for the two types gregate to 48 Research Programs (RPs) which, in turn

pact on RP 2.04 "Forest Watersheds, Soils, and Polle e Research Program Key on Pages ix-x shows the " RPA combinations that aggregate to each RP. Column gricultural) and 2 and 4 (Forestry) show the combinations primary impact on each research program.

e SYS are listed by performing organization except acts, Grants and Cooperative Agreements with organi an the State Agricultural Experiment Stations. The sted by funding organization.

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- 1.02 Water and Watersheds
- 1.03 Recreation
- 1.04 Environmental Quality 1.05 Weather Modification
- 1.06 Fish and Wildlife 1.07 Remote Sensing

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- 2.03 Forest Protection2.04 Harvesting, Processing, Marketing of Fore
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- 9.00 UNCLASSIFIED
- 9.01 Unclassified

### CLASSIFICATION CODESHEET FOR REPORT OF AGRICUL

### COMMODITY, RESOURCE OR TECHNOLO ASSOCIATED WITH SPECIFIC COMMOD

### COMMODITIES OR RESOURCES

0400	Air and Climate
0500	Recreation Resources
0600	Trees, Forests and Forest Products (Excluding
	Crops (See 1015), and Tung (See 2560)
0700	Range
0800	Fish, Shellfish, Game and Fur-Bearing Animals
	and their Habitats
0900	Citrus and Subtropical Fruit
1000	Deciduous and Small Fruits and Edible Tree Nu
1100	Potatoes
1200	Vegetables
1300	Ornamentals and Turf
1400	Corn (Includes Popcorn). (For Sweetcorn, See
1500	Grain Sorghum
1600	Rice
1700	Wheat
1800	Other Small Grains
1900	Pasture
2000	Forage Crops
2100	Cotton (Including Cottonseed for Planting Pur
2200	Cottonseed (For Meal, Oil, etc.)
2300	Soybeans
2400	Peanuts

Watersheds and River Basins

- 2800 Miscellaneous and New Crops
- 2900 Poultry
- 3000 Beef Cattle
- 3100 Dairy Cattle
- 3200 Swine

Tobacco 2700 Sugar Crops

0100 Soil and Land

0200 Water

0300

2600

- 3300 Sheep and Wool
- Other Animals (See 0850 for Fur-Bearing Anima 3400
- Bees and Honey and Other Pollinating Insects 3500

2500 Other Oilseed and Oil Crops (Excluding Cotton

- 3600 General Purpose Supplies
  - Includes: Machinery, Equipment, Fertilizers
    - Pesticides
- 3700 Clothing and Textiles
- Food (Not Readily Associated with Specific Pl 3800 Products)
- Structures and Facilities 3900
- 4000 People as Individual Workers, Consumers and M 4100 The Family and Its Members
- 4200 The Farm as a Business Enterprise

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300

their Institutions and Organizations 400 Agricultural Economy of United States and Secto ing interrelationships with the Total Economy Agricultural Economy of Foreign Countries and S 500 including Interrelationships with the Total E 600 Farmer Cooperatives 700 Marketing, Processing and Supply Firms other th 008 Marketing Systems and Sectors thereof 100 Weeds 200 Seed Research 300 Biological Cell Systems 400 Experimental Design and Statistical Methods 500 Invertebrates (Including Insects, Mites, Ticks, and Leeches)

Communities, Areas and Regions, including Count

- 600 Microorganisms, Viruses, Etc. 700 Plants
- 800 Animals (Vertebrates)
  900 Research on Research Management (Not Research 1
- 900 Research on Research Management (Not Research 1 000 Research Equipment and Technology (Such as Remo

### RESEARCH PROBLEM AREAS (RPA'S)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

Appraisal of Soil Resources Soil, Plant, Water, Nutrient Relationships Management of Saline and Sodic Soils and Salinity Alternative Uses of Land Conservation and Efficient Use of Water

Efficient Drainage and Irrigation Systems and Facilities Watershed Protection and Management Economic and Legal Problems in Management of Water and Watersh Adaptation to Weather and Weather Modification

Appraisal of Forest and Range Resources

Biology, Culture and Management of Forests and Timber-Related

Improvement of Range Resources Remote Sensing Research on Management of Research

Control of Insects Affecting Forests

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

Control of Diseases, Parasites and Nematodes Affecting Forests Prevention and Control of Forest and Range Fires Control of Insects, Mites, Slugs, and Snails on Fruit and Vege

Control of Diseases and Nematodes of Fruit and Vegetable Crops Control of Weeds and Other Hazards to Fruit and Vegetable Crop Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range

Control of Diseases and Nematodes of Field Crops and Range

Control of Weeds and Other Hazards of Field Crops and Range Control of Insects and External Parasites Affecting Livestock Other Animals

Control of Diseases of Livestock, Poultry and Other Animals Control of Internal Parasites of Livestock, Poultry, and Other Protect Livestock, Poultry and Other Animals from Toxic Chemic

Poisonous Plants, and Other Hazards Protection of Plants, Animals, and Man from Harmful Effects of

### GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOR AT DECREASING REAL PRODUCTION COSTS

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- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
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- Mechanization of Fruit and Vegetable Crop Production 305
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- Environmental Stress in Production of Livestock, Pou 312 313

Production Management Systems for Livestock, Poultry

- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Pu and Equipment
- 316 Farm Business Management

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- Other Animals 318 Non-Commodity-Oriented Biological Technology and Bio

Mechanization and Structures Used in Production of I

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- New and Improved Fruit and Vegetable Products and By 403
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  - ?roducts from Field Crops

Textile, and Industrial Produ

and Marketing Field Lth Improved Acceptal

and Other Animal ?roducts Animal Products

## DAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

provement of Grades and Standards -- Crop and Animal Products evelopment of Markets and Efficient Marketing of Timber and Rej ficiency in Marketing Agricultural Products and Production In

upply, Demand and Price Analysis -- Crop and Animal Products ompetitive Interrelationships in Agriculture evelopment of Domestic Markets for Farm Products

erformance of Marketing Systems roup Action and Market Power provement in Agricultural Statistics

aprovement of Grades and Standards of Forest Products ipply, Demand and Price Analysis -- Forest Products

DAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

oreign Market Development

valuation of Foreign Food Aid Programs chnical Assistance to Developing Countries

roduct Development and Marketing for Foreign Markets

DAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

meure Food Products Free of Toxic Residues from Agricultural Se rotect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins

ood Choices, Habits, and Consumption ome and Commercial Food Service

election and Care of Clothing and Household Textiles ontrol of Insect Pests of Man and His Belongings revent Transmission of Animal Diseases and Parasites to Man

man Nutrition eduction of Hazards to Health and Safety

DAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LI

ousing ndividual and Family Decision Making and Resource Use and Fami auses of Poverty Among Rural People

aprovement of Economic Potential of Rural People

PA incorporates research formerly included under RPA's 503, 50

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I 2

3

- Communication and Education Processes
- Individual and Family Adjustment to Change
- Structural Changes in Agriculture
- Government Programs to Balance Farm Output and Market Demand
- GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT
- RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND
- Alleviation of Soil, Water and Air Pollution and Disposal of
- Outdoor Recreation
- Multiple Use Potential of Forest Land and Evaluation of Fores
- Fish and Other Marine Life, Fur-Bearing Animals and Other Wil
- Trees to Enhance Rural and Urban Environment
- Culture and Protection of Ornamentals and Turf
- 6 Improved Income Opportunities in Rural Communities
- 8
  - Improvement of Rural Community Institutions and Services

# RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

	RESEARCH PROGRAM	COMMODITY/RESCURCE	AGRICULTURAL 1/ '	FORESTRY 2/ RPA
1.01	Soil and Land Use	0100, 6700	101-107	103,106, 105
	-	0068		;
1.02	Water and Watersheds	0200	102,103-108	102,103,104,106, 108
		0300	104,107,108,302,903	104,108,903
	-	0068	106,107	ļ
		6700	102,105	102,105
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1.04	Environmental Quality	All Commodities	214,901	1
1.05	Weather Modification	. All Commodities	109	109
1.06	Fish and Wildlife	0810,0830-0890,6500	410,903,904	410,903
1.07	Remote Sensing	All Commodities	113	113

			· AGRICULTURAL 1/	FORESTRY 2/
	RESEARCH PROGRAM	. COMMODITY/RESOURCE	RPA	RPA
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	Inventory and Appraisal of	. 0100	110	110
	Forestry Resources	. 0200	110	, 110
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		0810,0820,0821,0822	110	110
		0680-	110	Н
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		. 7000	!!	110,113
2.02	Timber Management	. 0600	111,301	111,301
		. 2000	•	
		, 7000	-	111
2.03	Forest Protection	, 0600	201-203	201-203
		1 0700		
		, 0800	. 203	, 203
2.04	Harvesting, Processing,	. 0300	1 1	, 302
		, 0600	302,303,401,502,	. 302,303,401,50
			. 512,513	, 512,513,604,801
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		3900	. 401,513	401,513,801
		1000	!!	302
2.05	Forest Watersheds, Soils	. 0100	:	101,102,107,901
	ition	0200		,901
	1	0300	1	107,901

RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY(Continued)

2.06 Forest, Range, Wild- 0600 Habitat Development 0820,0821,0822  2.07 Forest Recreation 0600,1391 Scape Values 1391 Land Land C.09 Technical Assistance 0820,0821,0822  2.09 Technical Assistance 0820,0821,0822  2.00 Forest Range, Wild- 0830,0830,0830  2.00 Technical Assistance 0820,0821,0822  2.00 Forest Range, Wild- 1920  2.00 Technical Assistance 0820,0821,0822  2.00 Technical Assistance 0820,0821,0822	RES	RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	' FORESTRY 2/ ' RPA
Alternate Uses of 0500 0500 0500 0500 0500 0500 0500 0	00.	Forest, Range, Wild- life and Fisheries Habitat Development	$\circ$	904	904 112 904
Alternate Uses of 10100 1200 1200 1200 1200 1200 1200 12	.07	orest Recreation Aesthetics, Land scape Values	<u>_</u>	1 1 1 1	•
Technical Assistance ' 0600 ' ' ' 4300 ' ' ' ' ' ' ' ' ' ' ' ' '	0.8	Uses		903	9003 9033 9033 9033 9033
	60		4300		601,603 907

1/ All research except that included under Forestry.
2/ All research nerformed by "Forest Sarvice" by "Forestry Schools" funded by

RESEARCH F	ROGRAM GROUP (RPG) 3.00 CF	RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL)	dL)
PROGRAM	COMMODI TY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
:	1400	102,105,207-209,307- 309,405-408,501	Same as Agricultural
Grain Sorghum	1500	Same as RP 3.01	. Same as Agricultural
Wheat	1700	107 plus Above	Same as Agricultural
Other Small Grains	1800	Same as RP 3.01	'Same as Agricultural
Rice	1600	Same as RP 3.01	' Same as Agricultural
Soybeans	2300	106 plus RP 3.01	'Same as Agricultural

3.02

3.03

3.04

3.05

102,207-209,307,903, 904 Same as Agricultural 105,207-209,308,309, 405-408,501

102,107,110,112,203, 207-209,307.903,904, Same as RP 3.01 Same as RP 3.01

Same as Agricultural

Same as Agricultural

Same as RP 3.01

Same as RP 3.01

2400 2700

3.07 Peanuts

3.06

Sugar

3.08

0700

Forage, Pasture and

3.09

Range

1900

RESEARCH PROGRAM	, COMMODITY/RESOURCE	-	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
3.10 Cotton	2100		105,207-209,307-309,	Same as Agricultural
	, 2200	- <u>-</u>	405, 307,408,501,709 308,309,405-408,501	. Same as Agricultural
3.11 Tobacco	5600	. <b></b> .	207-209,307-309,405, 407,408,501,709	Same as Agricultural
3.12 New Crops and Minor	, 2500		Same as RP 3.01	Same as Agricultural

-	••	-	-	-	-
Same as RP 3.01	204-209,304-309,402-	408,501,709		204-206,304-306,402-	104 501
-	-	-	-	-	-
2500	2800			0060	
~	-	-	-	-	•

Same as Agricultural

Same as Agricultural	Same as Agricultural	<pre>.    Same as Agricultural</pre>
	- :	
404,501	Same as above pius 102, 906	106,204-206,304-306,
	-	
0001		1100

Same as Agricultural	Same as Agricultural	Same as Agricultural Same as Agricultural
106,204-206,304-306, 402-404,501	306,402-404,501	905 105, 905,906

Same as Agricultural

905,106

0600 1300, 1310, 1320, 1330 ' 1339 '

Plants to Enhance Man's Environment

3.15

3500

3.16 Bees and Other Pollinating 'Insects

1200

3.14 Vegetable Crops

xxi

3.13 Fruit

	RESEARCH PROGRAM GROUP (RPG) 4.00 ANIMALS	(RPG) 4.00 ANIMALS	
SEARCH PROGRAM	, COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
Beef	3000	210-213,310-313, 317,409-412,501	Same as Agricultural
	· -		

Same as Agricultural Same as RP 4.01 4.01 Same as RP 4.01 Same as RP

2900

Poultry

Dairy

3300

3200

3400

Same as Agricultural

Same as RP 4.01 Same as RP 4.01

Same as Agricultural Same as Agricultural Same as Agricultural Same as Agricultural 410-412,501,903 904

Service.

, 0820,0821,0822

Aquatic Foods and

Feedstuffs

Other Animals

Swine

Sheep

All research except that included under Forestry. All research performed by "Forest Service," by "Forestry Schools," or funded by "McIńtire-Stennis," or designated Forestry by the Cooperative State Research

# RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

RES	RESEARCH PROGRAM	COMMODITY/RESOURCE '	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
5.01	Food and Nutrition	3800	318,403-046,408- 410,412,501,703,	'Same as Agricultural
		All Commodities	703,704,708	Same as Agricultural
5.02	Food Safety	3800 All Commodities	701,702 701,702	'Same as Agricultural' 'Same as Agricultural
5.03	Rural Development and Quality of Family Living	3600 3600 3700 3900 4000	801 317,709 705,709 709,801 707,709,801-806	Same as Agricultural Same as Agricultural Same as Agricultural 709
		4100	907 707,801-806,907 803,805,806,902, 907,908	Same as Agricultural   803,805,806,908
5.04	Insects Affecting Man' and his Belongings'	All Commodities	706	'Same as Agricultural
5.05	Research on Adminis- 'tration of Research'	, 0069	114	'Same as Agricultural

RESEARCH PROGRAM	. COMMODITY/RESOURCE	AGRICULTURAL 1/ '	FORESTRY 2/ RPA
6.01 Farm Adjustment, Prices and Income	All Commodities except 0600	315,316,511,807, 808 808	315,316,511,807, 808 
6.02 Foreign Agricultural Trade and Economic	All Commodities except 0600	601-604	Same as Agricultural
6.03 Marketing and Compe-	' ' All Commodities	503,506-510	Same as Agricultural

6.03 Marketing and Competifion

1/ All research except that included under forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service. The designation "--" indicates no entry.

RESEARCH PROGRAM	. COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
7.01 General Resource or Technology	, 3600 , 3600 , 3900	318 501 317	Same as Same as
	6200 6300 6400	318 304,307,318,501,408 318 318	Same a Same a Same a
	6500 6600 6700	318,211 208,318,707 204-209,304-309,	Same Same Same
	6800	210-213, 310-313, '317, 318, 409-412, '501	Same as Agricultural
	7000	311, 318	304,311,318

1/ All research except that included under Forestry.

BESTABCH PROGRAM GROUP SUMMARY

		ABS	Bas	PCS/585	PS	US DA TOTAL	SARS	018 00
PPG 1.00:	NATORAL RESOURCES	453.5	48.6	.0	1.1	503.2	861.0	2:
RPG 2.00:	POREST RESOURCES	6.3	.0	.0	950.4	956.7	403.3	
RPG 3.00:	CPOPS (PIBLD 6 HORT	TCULTUBAL) 1360.9	4.4	.0	.0	1365.3	2469.0	3 (
RPG 4.00:	ANIMALS	444.8	2.4	.0	.0	447.2	1223.1	23
RPG 5.00:	PROPER, COMMUNITIES	355.4	1085 64.4	-0	.0	419.8	633.4	5.6
896 6.00;	COMPETEITOR, TPADE,	ADJUSTHENT, 101.9	981CE 6 1	HCOME POLICE	.0	459.3	332.5	7
RPG 7.00:	GBHERAL RESOURCE OF	TECHNOIOGY 274.2	CLASSIFICA	TION ITERS	.0	274.2	582.4	3
RPG 9.00:	UNCLASSIPIED	.0	1.0	.0	•0	1-0	111.0	
GRAND TOTA	L	2997.0	457.1	21, 1	951.5	4426.7	6555.6	15.3

SPERIACH	DROGRAM	GROUP	SOMAARY	

SESSIBLE PROGRAM GROUP SOUNA	BT					
	ARS	BRS	PC 5/585	FS	USOA TOTAL	SAZS
RPG 1.00: NATURAL BESOURCES	6.1	.0	.0	.0	6.1	.0
Beg 2.00: POSEST RESOURCES	1.6	.0	.0	.0	1.6	.0
BPG 3.00: CBOPS (FIBLD 6 HC	STICULTURAL) 21.2	.0	.0	.0	21.2	.0
APG 4.00: ANIHALS	4.5	.0	.0	.0	4.5	.0
BPG 5.00: PEOPLE, CONMUNITE	ES, 5 INSTITUTIONS 3.0	.0	.0	.0	3.0	
RPG 6.00: COMPETITION, TRAD	E, ADJOSTMENT, PRIC			.0	6.8	.0
apo 7.00: GBWERAL BESOURCE	OR TECHNOLOGY CLASS	IFICA:	TION ITEMS			.0
GRAND TOTAL	.8 44.0	.0	.0	.0	.8 44.0	.0
	RY OF SCIENTIST-YEE	IBS PO	B FT 1977		(	PRIHĀRT)
ANKOS GEORS HIBORY HORKESBA					USDA	
SPG 1.00: KATURAL BESONBEES		ERS	PCS/535	PS	-rotal	\$185
PPG 2.00: POREST RESOURCES	94.7	29. 1	.0	.0	123.8	127.0
BPG 3.00: CROPS (PIELD 6 BO	BTICOLYGRAL	.0	.0	112.2	116.9	72.9
BPG 4.00: ANIBALS	\$79 <b>.</b> 7	2.2	•0	•0	181.9	291.1
SPG 5.00: PROPIE, CGERUHITI	190.7 ES, 6 INSTITUTIONS	-0	•0	. 0	190.7	186.2
BPG 6.00: COMPETITION, TRAI	186.4 B, Adjustabet, Pric			.0	293.4	140.3
BPG 7.00: GENERAL BESOURCE	OR TECHNOLOGY CLASS		19.7 TION ITEMS	• 0	340.1	50.3
BPG 9.00: OFCLASSIPIBD	131.4	.0	.0	• 0	131.4	83.9
GRAND TOTAL	.0 822.6	1.0	.0 19.7	. G 112, 2	1.0 1329. <i>2</i>	960.5
					,,	••••
TABLE F-C SECTORAL SURS	ART OF SCIBRIIST-TR	ABS PO	DR PY 1977		•	PRISARY)
	3ES	223	PCS/S 83	<b>T</b> S	USD1 TOTAL	SIES
RPG 1.00: WITURAL RESOURCE	s 119.5	3.7	.0	-0	123.2	212.9
RPG 2.00: FOREST RESOURCES	-0	.0	.0	223.4	223.4	152.9
RPG 3.00: CROPS (PIELD & Re	ORTICOLTORAL) 581.9	1.3	.0	.0	582.7	1022. 1
apg q.00: arinals	86.5	.0	.0	.0	86.5	465.2
SPG 5.00: PEOPLE, COMMONIT	IES, 6 IDSTITUTIONS 70.7	6.2	.0	.0	16.9	156. 1

RPG 9.00: DECLESSIPIED	.0	1.0	.0	.0	1.0	8.9
GRAND TOTAL	822.6	374.7	19.7	112.2	1329.2	960.5
TABLE F-C BEGIOWAL SURBARY (	of scientist	-TELES PO	N PF 1977		(	PRIMART)
SESEARCE PROGRAM GROUP SUMMARY	àBS	283	PCS/S 83	75	USDA TOTAL	SIBS
RPG 1.00: NATURAL RESOURCES	119.5	3.7	.0	٠0	123.2	212.9

		£79.7	2. 2	• 0	• 0	181.9	291.
BPG 4.00:	SJASINA						
		190.7	-0	• 0	.0	190.7	186.
9PG 5.00:	PROPLE, CGERUHI?	TES, 6 INSTITUTE 186.4	57.0	.0	٠0	293.4	140.
BPG 6.00:	COMPETITION, TRA	DE, ADJUSTMENT, 35.1	PRICE 6 IN	COME POLICE	.0	340.1	50.
BPG 7.00:	GENERAL BESOURCE	OR TECHHOLOGY (	LASSIFICAT	CON ITEMS	•0	131.4	83.
BFG 9.00:	OFCLASSIPIBO	.0	1.0	.0	.0	1.0	8.
GRAND TOTA	ı.	822.6	374.7	19.7	112.2	1329.2	960.
	C BECIONAL SOME	MART OF SCIBBILS	T-TELES POR	PF 1977		(	PRIMAR
			T-TEABS POR	PT 1977	<b>?</b> S	USDA TOTAL	
SBSELECU P		11BT			₹S .0	0501	<b>51</b> 1
RPG 1.00:	SOCUFH CEOAL CORN	1181 185 119.5	283	PCS/585		OSD1 TOTAL	811 212
985818CQ P RPG 1.00: 8PG 2.00:	ROGRAN GROUP SUMM	ABS BS 119.5	28S	PC\$/\$83	.0	USDA TOTAL 123.2	\$11 212. 152.
RPG 1.00: RPG 2.00: RPG 3.00:	ROGRAM GROUP SUMM  MATURAL RESOURCE  FOREST RESOURCES	ABBY  ABS  119.5  S  ORDITICULTURAL)	285 3.7	PCS/S83	.0 223.4	USDA TOTAL 123.2 223.4	511 212. 152. 1022:
985818CQ P RPG 1.00: 8PG 2.00:	BOGRAM GROUP SUMM MATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & F	BES 119.5  CORTICULTURAL) 581.9  88.5	28S 3.7 .0	.0 .0	.0	USD1 TOTAL 123.2 223.4 582.7	911 212 152 1022 465
RPG 1.00: RPG 2.00: RPG 3.00:	BOGRAH GROUP SUMM MATURAL RESOURCE POREST RESOURCES CROPS (PIELD & E ANIMALS PROPLE, COMMONES	### ### ### ### ### #### #### ########	208 3.7 .0 1.3 .0	.0 .0 .0	.0 223.4 .0 .0	USDA TOTAL 123.2 223.4 562.7	9112. 152. 1022. 465.
RPG 1.00: RPG 2.00: RPG 3.00: RPG 4.00:	ROGRAM GROUP SUMM  MATURAL RESOURCES  FOREST RESOURCES  CROPS (FIELD 6 6  APINALS  PROPLE, COMMONICATION, TRA	BS 119.5  BS -0  GORTICULTURALLY 581.9  88.5  FIES, 6 INSTITUT 70.7  ADB, LOJUSTHENT, 26.8	285 3.7 .0 1.3 .0 1085 6.2 PRICE 6 18 27.4	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 223.4 .0 .0	USDA TOTAL 123.2 223.4 582.7 88.5	911 212. 152. 1022. 465. 156.
RPG 1.00: RPG 2.00: RPG 3.00: RPG 4.00: RPG 5.00: RPG 5.00:	ROGRAM GROUP SUMM  MATURAL RESOURCES  FOREST RESOURCES  CROPS (FIELD 6 6  APINALS  PROPLE, COMMONICATION, TRA	BES 119.5  119.5  100 CONTICULTURAL 1010 SB1.9  88.5  FIES, 6 INSTITUT 70.7  ADB, LOJUSTHERT, 26.6  R OR TREBROLOGY	208 3.7 .0 1.3 .0 1098 6.2 PRICE 6 17 27.4	PCS/SBS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 223.4 .0 .0	USDA TOTAL 123.2 223.4 582.7 88.5 76.9 59.2	912. 152. 152. 465. 156. 114.

BESEARCE PE	OGBAN GROUP SUMMARY							
		ARS	BRS	PCS/SPS	PS	USDA TOTAL	SAES	07
RPG 1.00:	NATURAL PESOUBCES	87.5	0.8	.0	-0	96.3	222.3	
ĝPG 2.00: 3	POREST RESOURCES	.0	.0	.0	245.6	245.6	93.3	
BPG 3.00:	CROPS (PIPLD & HORTE	CULTOBAL) 279.6	.9	.0	.0	280.5	560.7	
ppc 4.00:	ANIHALS	102 • 1	1.2	.0	.0	103.3	350.4	
gPG 5.00:	PROPLE, COMMUNITIES,	6 INSTITUTIO 58.2	HS 1.2	.0	.0	59.4	180.1	
#PG 6.00:	COMPETITION, TRADE,	ADJUSTMENT, P	81CR 6 II 15.5	COMB POLICY	0	27.8	106.7	
RPG 7.00;	GENERAL RESOURCE OR	TECHNOLOGY CL	ASSIPICAT	SNATI WOLD	-0	60.6	174.6	
RPG 9.00:	UNCLASSIPIBD	.0	.0	.0	.0	.0	30.2	
GRAND TOTAL		598.9	27.6	1.4	245-6	673.5	1726.3	

(PRISARY)

(PRIMARY)

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TABLE V-C REGIONAL SURMARY OF SCIENTIST-YEARS FOR PY 1977

TABLE Y-C REGIONAL SURMARY OF SCIENTIST-YEARS FOR PY 1977

BESPARCH P	BOGBAN GROUP SUNNARY	!					
		AHS	BRS	PCS/SB5	PS	US DA TOTAL	SAPS
BPG 1.00:	NATURAL RESOURCES	145.6	7.0	.0	1. 1	153.7	238.7
BPO 2.00:	POREST RESOURCES	.0	.0	.0	369. 2	169.2	84.3
8PG 3.00:	CHOPS (PIRLD & HORT	TICULTUBAL) 299.0	.0	.0	-0	299.0	595-2
RPG 4.00:	AHIRALS	59.0	1.2	.0	.0	60.2	221.3
RPG 5.00;	PROPLE, COMMUNITIES	6, 6 INSTITUTIO 37.2	.0	•0.	.0	37.2	156.9
RPG 6.00:	COMPRETITION, TRADE,	A DJOSTABNT, P	RICE & INC	OBE POLICY	.0	30.3	60.7
RPG 7.00:	GENERAL RESOURCE OF	TECHNOLOGY CL	ASSIPICATI	ENETI NOT	.0	29.8	195. 9
RPG 9.00:	UNCLASSIFIED	.0	.0	. 3	.0	.0	4.7
GRAND TOTAL	L.	592.9	16.2	. 0	370.3	979.4	1557.6

TABLE V-C STATE SOUBLE OF SERVICE PROGRAM GROUP SOMELES	SCIENTIST-	FBARS FOR	PT 1977		(P	RIBARI)	
RESIDENCE STOCKES COUNTY TAKEN	ARS	285	FCS/SAS	PS	USDA	SARS	071
apg 3.00: CROPS (FIRLD & BORTICOL	TORALI				10111	3843	
GRAND TOTAL	.1	.0 .0	. O	.0	.1	.0	
GRAD IVIEL	••	••	••	••	••	••	
TABLE V-C STATE SUBMARY OF SPECIAL RESIDENCE STATE SUBMARY	CIBUTIST-1	EAPS POR	PY 1977		(9)	HIRYBI)	
	ARS	BBS	PCS/SRS	PS	GSDA TGTAL	SARS	071
BFG 1.00: WATURAL BESOURCES	.0	.0	.0	.0	•0	.0	
RPG 3.00: CROPS (PIELD & BORTICULT	OBAL)	.0	.0	.0	-1	.0	
BPG 7.00: GEMBRAL BESOURCE OR TECH	.0 ROFOGE CET	SSIPICATI	ON ITEMS	. 0	-0	.0	
GRAND TOTAL	•1	.0	-0	.0	-1	-0	
TLBLB V-C STATE SUBMARY OF S	CIBWTIS7-T	ERRS FOR	gr 1977		(P	RIHARY)	
TLBLE V-C STATE SUMMARY OF S BESEACH PROGRAM GROUP SUMMARY	CIRWTIST-T	BLRS FOR	gr 1977			RIHARY)	OT:
BESEFECH BEORETH CHORL ZONNIEA	<b>1</b> RS	¥83	709/585	79	4017F G2DY (5	rinery, Sees	or
	<b>1</b> RS	¥83	709/585	<b>79</b> -0	USDA.		07
BESEFECH BEORETH CHORL ZONNIEA	irs Sinbut, Pi	res res	FCS/S85		TOTAL TOTAL	SABS	OT
BESSERCH PROGREM GROUP SUMMERY	irs Dinbut, Pi	ece e in	PCS/585	-0	USDA TOTAL 1.0	SABS	or
BESSERCH PROGREM GROUP SUMMERY	irs Dinbut, Pi	ece e in	PCS/585	-0	USDA TOTAL	SABS	01
BESSERCH PROGREM GROUP SUMMERY	IRS DSINENT, PI 1-0 1-0	BES SICE & IW .0	7C9/585 2012CT .0 .0	-0	GSDA FOTAL 1.0 1.0	SABS	OI
BESSIRCH PROGRAM GROUP SUMMINY STO 6.00; COMPITITION, TRIDE, ADJO GRAND TOTAL TABLE V-C STATE SUBMANN OF S	IRS DSINENT, PI 1-0 1-0	BES SICE & IW O O	PCS/SES COME POLICY .0 .0	-0	GSDA FOTAL 1.0 1.0	• 0 • 0	
BESSIRCH PROGRAM GROUP SUMMINY STO 6.00; COMPITITION, TRIDE, ADJO GRAND TOTAL TABLE V-C STATE SUBMANN OF S	ARS USINENT, PI 1-0 1-0 5CIRNTIST-	FES TO SICE & INC. O	7C9/585 2012CT .0 .0	-0	USDA TOTAL 1.0 1.0	SARS -0 -0	OT

TABLE	Y-C	STATE	SUMBART	0 2	SCIBUTIST-YNARS	POR	PT	1977
BESEARCE	PROGRAM	CHOOD	SOSMIRY					

BPG 2.00: FOREST BESOURCES

RPG 3.00: CROPS (PIBLD & HORTICULTURAL)

(PRIBARY)

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.0 .0 .6

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USDA OTH COOP 2 TOTAL SIRS INSTS

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(PRISART)

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-0

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			. 6	. 0	.0	.0	. 6	- 0	-0
2PG 7.00:	GENERAL E	ESOURCE OR TE	CHWOLOGY (	LASSIFICATI	ENSTI NOI	.0	.8	•0	.0
GRAND TOTA	L		2.0	-0	.0	.0	2.0	-0	.0
ABLE V-	C STA	TR SUNNARY OF	SCIBNTIST	-TELES POB	PT 1977		(P	EIMART)	
ESEARCH PI	BOGBAN GRO	UP SOUNDRY							
			185	EES	FCS/585	75	AOLIT	5185	OTH COOP
PG 1.00:	NATURAL R	BSQUECES	.0	.0	.0	.0	.0	.0	•0
PG 3.00;	CROPS (PI	BLD & HORTICO	1.7093L) 2.2	-0	.0	.0	2,2	.0	.0
BAND TOTAL	1		2.2	.0	.0	.0	2.2	.0	.0

ans ans res/ses

.0 .0

BESEARCH PROGRAM GROUP SURBANY	AS BRS	PC8/985	78	USDL TOTAL	SARS	GIS COOP
app 3.00: Chops (FIBLD & MOBTICULTURAL	.5 .0	.0	.0	.3	.0	.0

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR PY 1977

app 3.00: Chops (Fibld & MOBTICULTUI	.5	. 0	.0	.0	.5	.0	.0
GRAND TOTAL	.5	.0	.0	.0	.5	.0	-0

		-	

Tible V-C	STATE SUMBARY OF SCIENTIST-YEARS FOR PY 1977	(PRIMARY)
SECREBCH DECCH	AR CRORD enwiles	

Tible	Y-C	STATE	SUBBARY OF SCIENTIST-YEARS FOR PF 1977	(PRIMARY)
RESEARC	H PROGRA	M GBQQP	TRABBOR	

Tible	¥-C	STATE	SUMBART	9	SCIENTIST-FEARS	205	P# 1977	(1	PRIMINY	
RESEARC	H PROGRAM	GBOOP	SOUMART							
								 08 D1		COOL

RESEABCH PROGRAM GROUP SUMMARY							
	ARS	115	PC5/513	28	os da Total	5415	OTS COOP
Pro 3 AA. Boneom Buleannen.							

RESEABCH PROGRAM GROUP SUMMART					,	•	
	ars	115	PC5/513	28	OS DA TOTAL	5415	OTS COOP
BPG 2.00: PORRST RESOURCES							

	125	115	PC5/515	28	OS DA TOTAL	5415	OTS COOP
BPG 2.00: POREST RESOURCES	1.0	.0	.0	.0	1_0	.0	_0
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0

ESSEARCS PROGRAM GROUP SUBBART						
					OSPA	
	285	888	PC5/S WS	PS	TOTAL	9133
EPG 4.00: AWIHALS						.0
	1.1	•0	•0	-0	1, 1	
GRIND TOTIL	1.1	.0	•0	. a	1.1	.0
TIELE V-C STITE SUMMIRT OF RESERRCE PROGRAM GROUP SUMMIRT	SCIBBTIST-1	INTE EO	1 Fr 1977		(P	TRAKIA:
	ARS	BRS	PC3/SES	rs	OSDA TOTAL	SABS
ape 1.00: crops (right a sorrico	LTORALI	.0	.0	.0	-3	-0
RPG 6.00: CORPETITION, TRADB, AD	JOSTEBUT, P	RICB & I	COSE POLICY	.0	1.7	.0
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0
TABLE 7-C STATE SUSSABI O	P SCIBBITISE-	TBARS PO	DR PT 1977		(	PRINART)
	, ecibatisb.	TBARS PO		75	(SDL TOTAL	PRIMART) Sabs
	183	BRS	PCS/SRS	?s	OSOL TOTAL	

(PRIMARY)

TABLE T-C STATE SOMMARY OF SCIENTIST-TRANS FOR FY 1977

TABLE V-C	C#142 00##104 00	######### P	an 4031	
INDLE T-C	SINIE SANGSEL AL	SCIBRIIST-YBARS P	OR 54 1311	(PRINARY)
				•
ESSEARCH PROGRAS	COCHO COMMAN			
PROPERCY PROPERTY	GUNL SASSEL			

TABLE V-C STATE SOUNDER O	SCIBRATIST-	TBARS PO	B FY 1977		(£	SINTER	
ESSEARCH PROGRAM GROBP SORBARY							
	ARS	225	PCS/SR5	75	USDA	Sles	Bto
RPG 3.00: CHOPS (PIBLD 6 HORTIC	OLTO BALJ 2.3	.0	-0	.0	2.3	.0	
GRAND TOTAL	2.3	.0	.0	.0	2.3	-0	

	188	888	PCS/SPS
EPG 1.00: WATGRAL BESOURCES			
	6.1	.0	.0
BRAND TOTAL	6.1	.0	.0

TABLE V-C STATE SUBBLEY OF SCIENTIST-YEARS POR PT 1977

OSDA OTH COOP PS TOTAL SABS INSTS

6.1 .0 .0 6.1 .0

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(PRISARY)

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GRAND TOTAL

GRAND TOTAL

RESEARCH PROGRAM GROOP SUMMARY

BESEARCH PROGRAM GROUP SUMBERT

PPG 4.00: AMINALS

GRAND TOTAL

EPG 3.00: CHOPS (PIELD & HORTICULTURAL)
3.5

TABLE F-C STATE SUREARY OF SCIENTIST-YEARS POR PY 1977

BESEARCH PROGRAM GROUP SUMMARY

apg 3.00: CROPS (FIELD & HORTICULTOBAL) BPG 4.00: ANIMALS

.0

. 0

3.5

ABS

3.4

4.3

TABLE Y-C STATE SUBSLEY OF SCIENTIST-TEARS FOR FT 1977

PPG 5.00: PROPLE, COMMUNITIES, & INSTITUTIONS
.9 .0

188

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR PY 1977 ABS BBS PCS/SBS

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BRS PCS/SRS

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has PCS/SAS

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GSDA GTH COOP PS TOTAL SAES IFSTS

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(PBIBARY)

(PRISLBY)

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TOTAL

3.4

.9

4.3

78

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ADED ATOTAL

3.5

3.5

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(PSIMARY)

OTH COOP SARS INSTS

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OTH COOP SLES INSTS

.0

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TABLE Y-C STATE SOUBLET OF SCIENTIST-YEARS FOR PT 1977

(PRIMIRY)

BESZISCH PROGRIM GROOP SOUMERY

		195	BSS	PCS/SRS	FS	TOTAL	SIES	OTE COOP	
BP0 3.00;	CROPS (FIELD 6 HORTIC	DL70811) 11.6	-0	.0	-0	11.6	.0	.0	
BPG 6.00;	COMPETITION, TRADE,	CJUSTABYT, PR 3.7	1CB 6 11	COMB POLICY	.0	3.7	.0	.0	
GRAND TOTA	ıL	15.3	.0	.0	.0	15.3	.0	.0	

				,				320045	04110020
G 1.00:	NATURAL RESOURCES	, 0	.0	-0	.0	.0	7.3	3.9	.0
3 2.00:	PORBST BESOURCES	.0	•0	•0	18.0	18.0	6.6	1.3	.0
3.00:	CROPS (PIRLD & HORTICULTURA	L)	•0	•0	.0	.0	20.0	2. 5	•0
g 4.00:	ININALS	.0	•0	.0	.0	.0	.7	13,9	
5.00:	PEOPLE, COMMUNITIES, & INST	ITUT.	10#8						.0
0 6.00:	COMPETITION, TRADE, ADJUSTS					•0	1.7	3.7	•0
3 7.00:		.0	•0	• 0	.0	-0	.0	2. 1	.0
	UNCLASSI PIBD	.0	.0	.0	.0	.0	2.7	. 4	.0
, 9.00; knd tota		.0	-0 -0	.0	.0	.0	.0	5, 3	.0
- 1	•	• -	••	.0	18-0	10.0	39.1	33. 1	.0
3LB V-	C STATE SUMBARY OF SCIE ROGRAM GROUP SUBMARY	H713	I-TBARS POR	3 PY 1977		ſ	PRIHARY)		98G DB1
		ARS	883	PCS/SBS	PS	USDA TOTAL	SARS	OT# COOP INSTS	PORESTRY SCHOOLS
1.00:	NATURAL RESOURCES	.0	.0	.0	.0	.0	3. 1	1.0	.0
2.001	ROUSEL BESONBCES	.0	.0	•0	.0	.0	2.1	.0	.0
3.00:	CBOPS (PIBLD & HOBIICULTUBA	L)							
4.00;	ANTHALS	•0	.0	.0	.0	.0	8.2	,1	.0
5.001	PROPER, CONNUNITIES, & INST	2.4 ITUT	roka •0	.0	•0	2.4	3.9	.3	•0
6.00:	COMPSTITION, TRADS, ADJUSTM	.0	.0	.0 COMB POLICE	.0	-0	2.2	.7	.0
7.001	GENERAL BESOURCE OR TECHNOL	• 0	.0	-0	.0	.0	2.4	.0	.0
		5.0	.0	.0	.0	5.0	.1	.1	.0
9.001	UNCLASSIFIED	•0	.0	.0	-0	.0	.5	.0	.0
NO TOTA	L	7.4	•0	•0	•0	7.4	22.4	2.1	.0
LB Y-C	: STATE SOURAST OF SCIE! GOSSAN GEOOP SURNASY	¥TIS1	T-YBARS FOR	. <b>PT</b> 1977		(	PRINARYĮ		BBG DIS
		185	202	7C3/5R5	25	USDA TOTAL	3133	OTH COOP	POBESTST SCHOOLS
1.00:	NATURAL RESOURCES	.0	25. 7	• 0	•0	25.7	.3	.0	.0
3.00:	CROPS (FIELD & HORTICULTURA		2.2	.0	•0	11.0	.0	.0	.0
4.00:		.0	.0	.0	.0	•0	.0	.0	.0
5.00:	PROPIE, COMBUNITIES, 6 1957	17071	tons.						
	COMPRTITION, TRADE, ADJUSTA	. 0	PRICE 6 IN	COMB BUTICA	•0	55.1	.2	.0	.0
		.0	261.7 364.7	19.7 19.7	•0	301.4 393.2	.5	.0	.0
ED TOTAL	•	0.0	36441	.,	••	****	•	•	•-
					9				

RPG 9.00: ONCLASSIFIED

GRIND TOTAL

		185	885	PCS/SBS	PS	USDA 707AL	5125	OTH COOP	20
RPG 1.00:	NATURAL RESOURCES	2.3	.0	.0	.0	2.3	8.3	•0	
PG 2.001	POSEST RESOURCES	.0	.0	.0	6.6	6.6	17.8	•0	
PG 3.00:	CROPS (PIBLD 6 BORTIO	OLTORAL) 5.3	.0	.0	-0	5.3	14.8	.0	
PG 4.00:	ANIMALS	- 0	.0	.0	.0	.0	9.4	.0	
FG 5.00;	PEOPLE, COMMONITIES,	O INSTITUTION	.0	•0	•0	.0	6.0	.0	
PG 6.00:	COMPETITION, TRADE, A	DJUSTBENT, PI 0.	.0 *O	ONE POLICY	.0	.0	3.8	.0	
FG 7.00:	GENERAL RESOURCE OR T	BCBHOLOGY CLI	SSIPICATI	ON ITES	.0	.0	2.5	.0	
PG 9.001	DECLASSIFIED	.0	.0	.0	-0	.0	.4	.0	
BAND TOTAL	L	7.5	.0	.0	6.6	14.1	63. 1	.0	

Fåble	C STATE SOMMABI OF SCIENTIST-YBARS POR PY 1977  BOGRAM GROUP SUMMARY					(4	(PBIMARY)		
		ARS	BRS	PCS/585	75	OSDA TOTAL	SARS	OTE COOP	P
EPG 1.00:	HATOBAL RESOURCES	43.0	. 0	.0	.0	43.0	7. 2	.7	
RPG 2.00:	POREST RESOURCES	2.3	.0	.0		6.3	3.2		
FPG 3.002	CROPS (FIELD 6 HORTIC		.0	.0	4.0	6.3	3.2	.0	
		123.9	.0	-0	•0	123.9	23.8	. 8	
RPG 4.00:	ANIMALS	93.2	.0	.0	.0	93.2	22.6	_4	
BPG 5.00:	PROPLE, COMMUNITIES,	INSTITUTIONS 106.7	.0	.0	-0	106.7	6.7	1.6	
RPG 6.00:	COMPETITION, TRADE, A	JOSTERNT, PRIC	. O .	COSS PULICY	٠0	35.1	4.4	.1	
RPG 7.00;	GERBRAL RESOURCE OR T	SCHROLOGY CLASS	SIFICAT	ION ITEMS	.0	119.2	4.3	.1	

.0 .0 .0

.0

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523.4

			1					
ABLE Y-C STATE SOURABLE OF SCIENTIST-YEARS FOR Pr 1977				(PSIMART)				
RESEARCH PROGRAM GROUP S	ORBERT							
	195	8RS	FCS/SkS	75	USDA TOTAL	SABS	OTH COOP INSTS	1
Beg 1.00: NATORAL RESOU	BCBS	.0	-0	.0	•0	5.9	.0	
RPG 2.00: POBEST BESOOR	C85	.0	.0	6.0	8-4	4.5	.0	
PPG 3.00: CEOPS (PIELD	E BOBTICULTURAL)	.0	.0	.0	-6	13.1	.0	
PPG 4.00: ANIMALS	.0	.0	•0	.0	-0	4.2	.0	
BPG 5.00: PEOPLE, COMMO	BITIES, & INSTITUTIONS	s .0	.0	-0	. 1	8- 4	.0	
DPG 6.00: COMPETITION,	THADE, ADJUSTHERT, PRI	ICB & I)	CORS BOTICA	-0	.0	.8	.0	

.0 6.0 10

-0

.6

9.1 37.4

-4

.0 .0

4.0 527.4 72.6

.0

3.7

. 0

-0

E V-C STATE SUMBARY OF SCIENTIST-YEARS FOR PY 1977 (P)	BIHYBA)
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RESEARCH PROGRAM GROUP SUMMARY

GRAND TOTAL

	AB	s BRS	PCS/SVS	PS	US DA Total	2182	OTU COOP INSTS	2
RPG 1.00;	NATURAL RESOURCES	0 1.0	. 0	.0	1.0	4.5	.0	
RPG 2.00:	POREST RESOURCES	O. 0	.0	15.6	15.6	6.3	.0	
BPG 3.00:	CROPS (PIELD & HORTICULTURAL)	0 .0	.0	.0	.0	5.6	.0	
RPO 4.00:	AHIMALS	0 -0	•0	.0	.0	6.4	.0	
BPO 5.00:	PROPER, CORMONITIES, & INSTIT		.0	.0	.9	2.3	.0	
BPG 6.00:	COMPETITION, TRADE, ADJUSTMEN		NCORE FOLICE	-0	. 6	.8	.0	
RPG 7.00;	GENERAL RESOURCE OR TECHNOLOG		ENETI WOLT	.0	.0	2, 1	.0	
GRAND TOTA	it.	0 2.7	.0	15.6	18.3	27.4	.0	

TABLE	V-C STATE SUMMARY OF	SCIBHTIST-T	RYBZ LO	PY 1977		3)	(reinia	
RESEARC	CH PROGRAM GROUP SUMBARY							
		ARS	ERS	PCS/SRS	PS	USDA Total	SABS	OTH COOP
RPG 1.0	00: NATURAL RESOURCES	.0	.0	.0	.0	.0	22.2	.0
RPG 2.0	OO; FOREST RESOURCES	.0	. 0	.0	4.5	9.5	6.7	.0
RPG 3.0	00: CROPS (PIELD & HORTICO	LTORAL)	.0	•0	.0	4.0	29.5	•0
RPO 4.	O: ANIMALS	.0	.0	•0	.0	_0	7.9	.0
2PG 5.0	Ob: PROPLE, COMMUNITIES, &	0111111241	1.0	.0	.0	1.0	27.0	•0
890 6.0	00: COMPETITION, TRADE, AD	JUSTNEHT, PE	11 8 8 21	FOLICY BEODE	.0	.0	4_0	.0
RPG 7.0	OC: GENERAL RESOURCE OR TE	CHROLOGY CL	.ssifica	SULL NOIS	.0	.0	8.5	•0
BFG 9.0	OO: UNCLASSIFIED	.0	.0	.0	.0	•0	2.3	.0

TABLE V-C STATE SUMBARY	OP SCIENTIST-1	BABS POR	R FF 1977			(LBIUYBA)	
BESELSCH PROGRAM GROUP SUKKARY							
	ARS	285	PCS/SRS	84	USDA TOTAL	NEW YORK	MEN TORK
RPO 1.00: NATORAL RESOURCES	5.3	.0	.0	.0	5.3	25.6	1.6
RPO 2.00: FOREST RESOURCES	.0	.0	.0	1.8	1.6	3.8	•0
apg 3.00: CROPS (FIRLD & HORTIC	COLTOBAL) 10.7	.0	.0	.0	10.7	44.8	58.6
RPG 4.001 ANIMALS	36.2	.0	.0	.0	38.2	69.5	.5
EPG 5.001 PROPIE, COMMUNITIES,	& IMSTITUTION	.0	.0	.0	1.1	46.5	4.7
RPG 6.00: COMPETITION, TRADE,	ADJUSTERNT, P	0.0	O . O	•0	.0	12. 1	•0
EPS 7.00: GENERAL RESOURCE OR	TECHNOLOGY CL	SSIPICAT 0.	rion items	.0	3.6	42.2	3.8
RPG 9-QO: UNCLASSIPIRO	.0	1.0	.0	.0	1.0	.0	.0
GRAND TOTAL	58.9	1.0	-0	1.8	61,7	244.5	69.2

4.0 1.0 .0 4.5 9.5 108.9 .0

RESEARCE	DEACRIM	CROUP	SOMMARE
RESEVECH	SECRET	CHOOL	2040##1

	185	868	PC3/3BS	PS	USDA TOTAL	2842	OTH COOP INSTS
EPG 1.00: NATURAL SESOURCES	36.7	2.4	.0	-0	39.1	14.1	.0
BPG 2.00: POREST BESOURCES	•0	.0	.0	16.0	16.0	10.0	-0
896 3.00: C80PS (PIBLD & 80B	TICULTURAL) 26.4	.0	- 0	.0	26.4	43.9	.0
BPG 4.00: AMINETS	56.9	.0	• 0	.0	36.9	26.4	.0
BPG 5.00: PROPLE, COMMODITIE	s, 6 INSTITUTION 78.4	s .0	•0	.0	78.4	17.4	-0
EPG 6.00: COMPETITION, TRADE	, 10JOSTABUT, PB	1CE 6 IN 2.9	.0	.0	2.9	13.8	.0
RPG 7.00: GENERAL BESOURCE O	R TECHNOLOGY CLA	SSIFICAT	108 11885	.0	3, 6	11.6	.0
BPG 9.00: GWCLASSIPIED	.0	-0	• 0	.0	•0	.0	.0
GRAND TOTAL	202.0	5.3	• 0	16.0	223.3	137.1	.0

TABLE Y-	C STATE SORBAR	T OF SCIENTIST-1	ELES POI	21 1977		(1	BIHART)	
BESEFECE &	BOCHIE E BOOK 202278.	ī						
		165	888	PCS/SES	PS	osol Total	SABS	OTH COOP INSTS
BPG 1.00:	NATURAL RESOURCES	.0	.0	.0	.0	.0	11, 1	•0
BPG 2.00:	POSEST BESOURCES	.0	.0	.0	-0	.0	1.6	•0
PPG 3.001	CROPS (PIRLO 6 808	FICULTURAL)	.0	.0	.0	.0	10.7	.0
BPG 4.00:	AVISALS	.0	.0	.0	.0	.0	7.7	.0
BPG 5.00:	PEOPLE, CORRONITIES	s, & IVSTITUTION	.0	.0	.0	•0	6.5	.0
APG 6.00:	COMPETITION, TRADS	, lojostabut, PE	102 5 13	COSE POLICE	.0	.0	. 4	.0
BPG 7.00:	GENERAL RESOURCE OF	TECHNOLOGY CLA	SSIFICAT	ION ITEMS	.0	.0	.4	.0
GRIND TOTAL	L	.0	.0	.0	•0	.0	38.3	.0

TIBLE	¥-C	STATE	SOUNARY (	P SCIENTIST-IBABS POR PY 1977	(PRIMERY)
RESEARCE	PROGRAM	GROUP	SONBLEY		

BESEABCH 6	ROGRAS CROUP SUMBARY						
	185	BPS	PCS/885	PS	USDA TOTAL	SAES	OTH COOP
BPG 1.00:	NATORAL PRSOURCES	-0	.0	.0	٥,	9.9	.0
BPG 2.001	POREST RESOURCES				,,	4.7	••
	-0	.0	•0	8.0	8.0	2.3	-0
FPG 3.00:	CBOPS [FIELD & HORFICOLTOBAL]	.0	.0	.0	.0	5.9	.0
RPG 4.00:	AWIMALS .0	.0	•0	.0	•0	4.8	•
RPG 5.00;	PROPER, COMMUNITIES, & INSTITUTIO		••	••	•0	4.8	.0
	•0	.0	- 0	-0	.0	4.6	.0
	TRADE, ADJUSTMENT, P.						
	.0	.0	•0	.0	.0	1.5	.0
	ORCE OR TECHNOLOGY CL	ASSIPICAT • 0	O .0	.0	.0	3.9	.0
	,0	.0	.0	8.0	8.0	27.8	.0

IBLE Y-C STATE SUBSERT OF SCIENCIST-TREES FOR PT 1977

SEARCH P	BOGRAN GROUP SUMBARY								
		185	885	PCS/SBS	78	USDA TOTAL	SABS	OTH COOP	P
G 1.00:	NATURAL RESOURCES	7.5	. 0	-0	•0	7.5	7.0	.0	
G 2.00:	POBEST BESODECES	.0	. 0	• 0	31.7	31.7	6.7	•0	
G 3.00:	CROPS (PIBLD & HORTI	COLTUBAL)	. 0	.0	.0	.0	9.8	.0	
G 4.00:	FAIRTTZ	.0	.0	-0	• 0	.0	8.4	.0	
g 5.00:	PROPER, COMMUNITIES,	& INSTITUTION .0	s .0	.0	.0	.0	1.7	.0	
6.001	COMPETITION, TRADE,	ADJUSTHENT, PR	E & IN	O B POLICE	.0	.0	4.2	.0	
g 7.00:	GRUEBAL RESOURCE OR	TECHNOLOGY CLL	SSIPICAT	ON ITEMS	.0	.0	.8	.0	
ND TOTAL	L	7.5	.0	.0	31.7	J9.2	38.5	-0	

		185	269	PC5/523	79	total Total	SAES	TOSKEGE
8PG 1.00;	: WATURAL BESGUECES	9.3	.0	• 0	.0	9.3	15.1	
826 2.00:	POREST RESOURCES	.0	.0	•0	4.3	4.3	13.3	•
8PG 3.00:	: CROPS (PIRED 6 HOR?)	(COLTOBAL)						1.
	: AMISALS	2.3	•0	.0	•0	2.3	49.1	
		3.4	.0	•0	.0	3.4	48.4	4.
	: PEOPLE, CORRUPITIES,	.8	•0	•0	•0	. 8	7.0	1-
apg 6.00	: COMPRESSION, THADE,	ADJUSTURNI, PE	.0	.0 FCORB POLICY	.0	1.1	4.7	•
BPG 7.00	GEORGIL RESOURCE OR	TECHFOLOGY CL	ASSIPICAT	TION ITEMS	.0	3.7	8.5	1.
BPG 9.00:	: DECLESSIFIED	.0	.0	•0	.0	.0	9.6	
681AD 10	Tat	20.6	.0	.0	4.3	24.9	155.6	9.
	V-C STATE SOUBLET PROCESM GROUP SCHEART	OP SCIB#7157-1	YELGS PO	B Pf 1977			(PBIdàRT)	
		ARS	BRS	PCS/8RS	75	TOTAL	5125	OTH COO
RPG 1-00:	: MATURAL RESOURCES	.0	1.0	.0	.0	1.0	11.2	•
RPG 2.00:	: FOREST BESOURCES	•0	.0	.0	3.0	3.0	6, 2	•
BPG 3.00:	: CROPS (FIELD & HORT)	COLTOBAL)	.0	.0	.0	2.0	43.0	3.
BPG 4.00:	: PAIRFF2	•0	.0	.0	.0	.0	19.0	1.9
RPG 5.00;	: PEOPLE, COMBUSTIES,			.0	.0	.0	7. 1	2.
RPG 6.00:	: COMPETITION, TRADE,	ADJUSTABET, PE	ICE 6 I	CONE POLICY				
EPG 7.00:	: GBEERLL PROOFCE OF				.0	4.1	6.3	•
GRAND TOT	FA1.	-0 2-0	. 0 2. 1	.0	-0 3.0	.q 7.1	4.3 97.0	8.
TABLE T RBSEASCE	V-C STÄTE SUUBÄRT PROGRAN GROUP SUUHARY	OF SCIBBILST-1	izārs poi	B 81 1977			(PRIMARY)	~~ C00
RESEASCE	PROCERM CROUP SUSERRY	OF SCIEBTIST-1	BBSS	e et 1977 PCS/SBS	23	USDA TOTAL	Sabs	078 C00 1857
RESEASCE	PROGRAM GROUP SUBBART  BATURAL RESOURCES				75	USDA		INST
RESEASCE	PROCERM CROUP SUSERRY	182	883	PC5/385		USDA TOTAL	2185	IN5Î
RESEASCE APO 1.00:	PROGRAM GROUP SUBBART  BATURAL RESOURCES	185 7.3	-0	PCS/SBS	•0	USDA TOTAL 7.3	3185 49.9	
RESEASCE  APG 1.00:  APG 2.00:  RPG 3.00:	PROGRAM CROUP SUBBART  HATUBAL RESOURCES  POREST RESOURCES	185 7.3 .0	.0 .0	PCS/SBS .0 .0	.0 15.0	7.3 15.0 60.9	3185 49.9 14.2	185±
RESEASCE  APO 1.00:  APO 2.00:  RPG 3.00:  EPG 4.00:	PROGRAM CROUP SUMBER  * NATURAL RESOURCES  * FOREST RESOURCES  * CROPS (FIELD & RORT)	7.3 .0 icoltubly 60.9 2.1	.0 .0 .0	PCS/SBS .0 .0 .0 .0	.0	7.3 15.0 60.9	\$255 49.9 14.2 195.5	185± 6 2.
EPG 5.00:	PROCEAN CROUP SUBBARY  * MATURAL RESOURCES  * POREST RESOURCES  * CROPS (FIELD & RORT)  * APIRALS	TO INSTITUTION 17.9  ADJUSTERRY, PE	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	PCS/SBS .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 7.3 15.0 60.9 2.1	3185 49.9 14.2	185± 6 2.
RBSEA9CB  APO 1.00:  APO 2.00:  RPG 3.00:  RPG 4.00:  RPG 5.00:  RPG 6.00:	PROGRAM CHOOP SUBBARY  HATUBAL RESOURCES  POREST RESOURCES  CROPS (VIELO & RORT)  APIRALS  PROPLE, CORRUNITIES,  CORPETITION, TRADE,	TO THE PERSON OF	.0 .0 .0 .0 .0	**C5/S%**S .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	7.3 15.0 60.9	\$255 49.9 14.2 195.5	1851 6. 2. 1.
RBSERPCB  RPG 1.001  RPG 2.001  RPG 3.001  RPG 4.001  RPG 6.001  RPG 6.001	PROGRAM GROUP SUBBLET  ** NATURAL RESOURCES  ** CROPS (VIELO & RORT)  ** APIRALS  ** PROPLE, CORRUNITIES,  ** CORPRISION, TRADE,  ** GENERAL RESOURCE OR	TO THE PERSON OF	.0 .0 .0 .0 .0	**C5/S%**S .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 7.3 15.0 60.9 2.1	\$\$\$\$ 49.9 14.2 195.5 51.5	185±
RBSERPCB  RPG 1.001  RPG 2.001  RPG 3.001  RPG 4.001  RPG 6.001  RPG 6.001	PROCERN GROUP SUBBRY  BATURAL RESOURCES  POREST RESOURCES  CROPS (VIELO & RORY)  APIELLS  PROPLE, COMMUNITIES,  COMPRISTION, TRADE,  GENERAL RESOURCE OR	ARS  7.3  .0 ICGLTURAL; 60.9  2.1 , 6 IFSTITUTION 17.9  ADJUSTABBET, PR 8.0	.0 .0 .0 .0 .0 .0	PCS/SRS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 7.3 15.0 60.9 2.1 17.9	\$885 49.9 14.2 195.5 51.5	2 - 3.

-0

12.0

STATE SUMMARY OF SCIENTIST-TRARS POR PF 1977

183

5.2

2.3

179.7

SPG 9.00: UNCLASSIPIED

BESEARCH PROGRAM GROUP SUMBARY

RPG 1.00: NATURAL BESOURCES

RPG 2.001 POREST RESOURCES

BPG 4.00: AMINALS

GRAND TOTAL

BPG 3.00: CROPS (PIBLD & HORTICULTURAL)
155.3

SPG 5.00: PROPER, COMMUNITIES, & INSTITUTIONS

RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICE 3.9 3.8 .0

HPG 7.00: GREERL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS 1.5 .0 .0

GRAND TOTAL

## .0 .0 1.0 .0

BRS PCS/SBS

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.0

3.0

(PRIMARY)

SAES

12.1

21.9

80.1

41.2

11,6

11.3

7.3

187.5

USDA TOTAL

20.8

48.0

97.1

25.2

19.9

13.6

12.2

236. A

US DA TOTAL

. 0

13.0

11.8

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1.0

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26.0

USDA TOTAL

5.2

36.7

155.3

2.3

11.6

7.7

1.5

209.4

220.2

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28

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36.7

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36.7

13.0

OTR COOP PORES

1.1

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4.1

1.7

3,9

4.8

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16.9

PORES

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1.7

1.8

1.9

1.3

. 2

	125	183	PCS/SBS	79	TOTAL	SABS	018 C008	50
PG 1.00:	FITUBIL BESOURCES				24.5	9.9	.8	
PG 2.00:	POREST RESOURCES			37.5	37.5	23. 3	.0	
PG J. 001	CBOPS (FIRLD & BORTICOLTORAL)	.0	.0					
	ANIMALS	1.3	.0	•0	81.7	65.9	. 3	
	5.0		•0	.0	5.0	34.0	.6	
PG 5.00:	PROPER, COMMUNITIES, & INSTITUTE 2.6		•0	.0	3.0	1.7	3.3	
PG 6.00:	COMPETITION, TRADE, ADJUSTMENT	PRICE 5 1	.0	.0	3, 1	4-2	.0	
PG 7.001	GRUERAL RESOURCE OR TECHNOLOGY		ATION ITEMS	.0	8.1	2.6	.1	
iPG 9.00:	UBCLASSIPIED	.0	.0	.0	.0	.0	.0	
SELUD TOT.	119.:	6.1	•0	37.5	162.9	147.9	5.1	
	-C STATE SUBMAST OF SCIENTS	IST-IEBES PO	DR FT 1977			(PRIMART)		
	18:	283	PCS/585	75	USDA TOTAL	SIES	OTB COOP	P
PG 1.00:	NATORAL RESOURCES		.0	.0	5.0	17.4	3.2	
PG 2.00t	POSEST RESOURCES	.0	•0	34.1	34.1	17.0	.0	
PG 3.00:	CROPS (FIELD & BORTICULTURAL)	٥. د	•0	.0	30.3	93.7	. 2	
PG 4.00:	ANINALS							
PG 5.00:	Prople, Connunities, & Instit	TIOIS		.0	.6	35.0	2.0	
PB 6.00;	COMPETITION, TRADE, ADJUSTMENT		.0 Second Policy	•0	2.3	13. 4	2.4	
	1.0	1.2	.0	.0	2. 2	5.0	.6	
PG 7.00+	1.9	.0		.0	1.9	21.9	•0	
			•		74 4	242 5		
ibykd Łożi Bbē j'og:	L 41.1	1.3	.0	34.1	76.4	203.5	8.4	
CABLE 4.	C STATE SQUARET OF SCIENT			34.1		(203.5	8.4	
CABLE 4.	C STATE SOMMARY OF SCIENT	ist-yzirs p		34. 1 25		(PBI#181)	d. a	
PBFR A.	C STATE SOMEART OF SCIENT.	ist-Yedrs fi S 285	DB FI 1977 PCS/985		US DA	(PBI#181)	OTB COOP IFSTS	
Bakd form	C STATE SOMEARY OF SCIENT. ROOGRAM GROUP SUMMARY ARYURAL SESOURCES TO.	IST-YZLRS PO S PAS 6 1.0	DB FI 1977 PCS/985	25	US DA 207al	SARS	OTB COOP IFSTS 4.3	
EakD TOTA	C STATE SOMEARY OF SCIENT. ROOGRAM GROUP SUMMARY ARYURAL SESOURCES TO.	IST-YZLRS PO S PAS 6 1.0	DB FI 1977 FCS/585 .0	PS .0 .0	USDA 20TAL 15.6	(PPISIET) SARS 6.6 4.6	Ora coop IFSTS 4.3	
Bakb form	C STATE SOMEARY OF SCIENT.  PROGRAM GROUP SEMANT  ARTURAL RESOURCES  POREST RESOURCES  CROPS (PIRLO & MORTICULTURAL) 10.5	IST-YZARS PO S PAS 6 1.0 0 .0	PCS/5RS .0 .0 .0	PS .0 .0 .0	USDA 20TAL 15.6 .0	(PRIMIRT) SARS 6.6 4.6 34.5	018 COOP 1#S15 4.J .0 5.5	
PARLE 4.185ELRC8 1	PROGRAM GROUP SUBMARY  WATURAL SESOURCES  POREST RESOURCES  CROPS (PIRLO & BORTICULTUBAL)  AWIRALS  EOPLE, CORRORITIES, & INSTITU	IST-YZARS PO S	PCS/9RS .0 .0 .0	PS .0 .0	USDA 20TAL 15.6	(PRIBLET) SARS 6.6 4.6 34.5	OTB COOP IFSTS 4.3 .0 5.5	PO
PARLE 4.185ELRC8 1	PROGRAM GROUP SUBMARY  RECORDE GROUP SUBMARY  WATURAL SESOURCES  POREST RESOURCES  CROPS (PIRLO & HORTICULTUBAL)  AWIRALS  EOPLE, CORRUBITIES, & INSTITU	TST-YEARS PO S FAS 6 1.0 0 .0 5 .0 7 .0 07TIONS	PCS/9RS .0 .0 .0 .0	PS .0 .0 .0	USDA 20TAL 15.6 .0	(PRIBLET) SARS 6.6 4.6 34.5	018 COOP 1#S15 4.J .0 5.5	
Bakb form	PROGRAM GROUP SUBMARY  RECORDE GROUP SUBMARY  WATURAL SESOURCES  POREST RESOURCES  CROPS (PIRLO & HORTICULTUBAL)  AWIRALS  EOPLE, CORRUBITIES, & INSTITU	TST-YZARS PO S	PF 1977 PCS/983 .0 .0 .0 .0 .0	PS .0 .0 .0 .0	USDA 207AL 15.6 .0 10.5 4.7 1.8	(PPIHLET)  SARS  6.6  4.6  34.5  24.2	018 COOP 1#878 4.3 .0 5.5	
Bakb form	C STATE SOMMERY OF SCIENT PROCESS TO STATE SOMMERY  NATURAL RESOURCES TO.  POREST RESOURCES  CROPS (PIRLO & MORTICULTORAL) TO.:  AMIBALS  BOPLE, CORRUBITIES, & INSTITUTIONS  ', APJUSTERM'	TST-YZARS PO S	PE PI 1977  PCS/983  .0 .0 .0 .0	.0 .0 .0 .0	USDA 207AL 15.6 .0 10.5 4.7 1.8	(PRIBLET)  SARS 6.6 4.6 39.5 24.2 8.5	OTB COOP IFSTS 4.3 .0 5.5 .0	
TABLE YOUR RESERVED IN CO. 1.00: RPG 2.00: RPG 3.00:	C STATE SOMMERY OF SCIENT PROCESS TO STATE SOMMERY  NATURAL RESOURCES TO.  POREST RESOURCES  CROPS (PIRLO & MORTICULTORAL) TO.:  AMIBALS  BOPLE, CORRUBITIES, & INSTITUTIONS  ', APJUSTERM'	TST-YZARS PO S	PE PI 1977  PCS/58S  .0  .0  .0  .0  .0  .0  .0  .0  .0  .	PS .0 .0 .0 .0 .0 .0 .0	USDA 707AL 15.6 -0 10.5 4.7 1.8 4.1	(PSINIET)  SARS 6.6 4.6 34.5 24.2 8.5	018 COOP 1#STS 4.3 .0 5.5 .0	

APG 1.00: NATURAL BESOURCES

BPG 9.00: UNCLASSIFIED

GRAND TOTAL

		3.6	. u	.0	•0	7.0	8. 3	1.8	
BPG 2.00:	POREST RESOURCES	.0	-0	.0	17.2	17. 2	.3	. 0	,
69G 3.00:	CROPS (PIBLO & HORTIC	DLTURAL) 28.9	.0	•0	.0	28.9	51.9	2.9	
RG 4.00:	ANIMALS	.0	•0	• 0	•0	.0	21.5	.0	
PG 5.00:	PEOPLE, COMMUNITIES,			.0	.0	3.9	7. 1	2.9	
PG 6.00:	COMPRTITION, TRADE, A				.0	2.0	4.6	.0	
PG 7.00;	ORMBRAL RESOURCE OR T				.0	.0	3.1	.3	
PG 9.00:	UNCLASSIPIED								
BAND TOTA	L	.0 35.5	.0 2.9	.0	.0 17.2	-0 55.6	1. Q 97. 8	.0 7.8	
TABLE Y- RESBARCH P	C STATE SUMMAPY O BOGRAM GROUP SUMMARY	P SCIBNTIST-YE	ABS FOR P	r 1977		(I	PBIHARY)		
		ARS	BBS P	CS/SBS	₽S.	OSOA Total	9183	OTH COOF	
PG 1.00:	WATURAL RESOURCES	.7	.0	.0	.0	.7	6.1	1.2	:
PG 2.00:	POREST RESOURCES	.0	٠٥.	.0	4.0	0	8.0	.0	,
G 3.00:	CROPS (PIELD & HORTIC	ULTURAL)	.0	.0	.0	9.9	39.8	. 9	
G 4.00:	ANIMALS	2,2	.0	.0	.0	2.2	27.0	1.3	,
G 5.00:	PROPLE, COMMUNITIES,	6 INSTITUTIONS	.0	.0	.0	4.0	11.5	3.1	,
PG 6.00:	COMPETITION, TRADE, A	DJUSTKENT, PRI			-0	.0	6. 2	. 6	
7.00:	GENERAL RESOURCE OR T	BCHNOLOGY CLAS	SIFICATIO	N ITEMS	.0	.0	2.4	. 3	ı
9.00:	UNCLASSIPIED	.0	.0	•0	.0	.0	.0	.0	,
BAND TOTA	L	16.8	•0	.0	4.0	20.8	101.0	6.9	
TABLE V-	C STATE SUMMARY O ROGRAM OROUP SUBMARY	)F SCIENTIST-TB	185 POR P	r 1977		į	PBIGYBAI	·	
		ABS	RRS P	CB/SRS	PS	OSDA TOTAL	SIBS	OTH COOP	
BPO 1.00;	NATURAL RESOURCES	25.1	.0	.0	.0	25.1	37. 3	1.0	I
PG 2.00:	PODEST RESOURCES	.0	.0	•0	4.6	4.6	5.5	-0	1
eg 3.00:	CROPS (FIELD & HORTIC	78.6	.0	.0	.0	78.6	110.6	• 6	
PG 4-00:	ANIHALS	43.1	.0	.0	.0	43.1	41.8	. 1	
PG 5.00:	PROPLE, COMMUNITIES,	8 INSTITUTIONS 7.0	.0	.0	.0	7.0	11.1	1.8	)
PG 6.00:	COMPETITION, TRADE, A	DJOSTHERT, PRI 4.1	CB 6 INCO	B POLICY	.0	8.3	12.0	.2	!
126 7.00:	GENERAL RESOURCE OR T	ECHROLOGY CLAS	SIFICATIO	F ITBUS	-0	5.6	8.3	-0	
			-		•				

ARS ERS PCS/SBS FS TOTAL

.0 .0

3.6

OTS COOP PO

1.8

8.3

3.6

.0

.0

4.6

.0

.0 163.5 4.2 .0

-0

172.3

.0

3.8

272.3

.0 45.6

BESELECH !	BEGGSTE CEORS 2088181	-	-						•
		ABS	BBS	PCS/SBS	<b>P</b> S	TOTAL	SIES	OTS COOP	\$022377 \$C8001
RPG 1.00:	FATURAL RESOURCES	. 9	•0	.0	-0	. 4	14.7	.3	
EVG 2.00:	Porest ersoneces	•0	.0	•0	.0	.0	17.7	.0	
BPG 3.00:	CROPS (PIBLD 6 BORTICOLS	OBAL) 8.5	.0	.0	.0	8.5	47.3	5.8	
890 4.00;	ABIBALS	.0	. 0	-0	.0	.0	35.2	1.0	
BPG 5.00:	PROPLE, CONSUNITIES, 8 1	RESTITUTIONS C.	. 4	.0	.0	.7	17.5	4.2	
89G 6.00;	COMPETITION, TRADE, ADJO	STHERT, PRIC	B & 11	FOLIOS SECON	.0	1.0	7.3	-0	
BPG 7.00:	GEBEBAL BESODECE OF THE	NOLOGY CLASS	IPICAT	TION ITEMS	.0	.1	21.9	.0	
RPG 9.00:	ONCLESSIPIED	.0	.0	.0	.0	.0	.7	.0	
GRAND TOTA	t.	9.3	1.4	.0	.0	10.7	162.3	11.7	•
Tible V-	C STATE SUBSLAT OF S	CIBNTIST-TB	ias Pol	B PS 1977			(PRIMABI)		2
		185	ERS	PCS/SRS	₽s	GSDA TOTAL	SABS	OTH COOP INSTS	SCHOOL
BPG 1.00:	HATURAL BESODECES	4.3	.0	- 0	•0	4. 3	6.4	• 0	
RPG 2.00:	POBEST BESODECES	.0	.0	.0	6.0	6.0	.0	.0	•
#PG 3.00:	CROPS (FIELD & HORTICULA	5.0	.0	.0	.0	5.0	73.4	.0	•
RPG 4.00:	ANIMALS	.0	.0	.0	.0	.0	4.8	.0	
RPG 5.00:	PEOPLE, COMMONITIES, S	3.0	•0	.0	.0	3.0	7.7	.0	
BPO 6.00:	COMPETITION, TRADE, ADJ	STEBUT, PRIC	-0	ECONB POLICE	. 0	.0	8.7	.0	•
BFG 7.00:	GENERAL PROOFER OF THE	.0	O.	TION ITEMS	-0	.0	2,4	.0	
GRIND TOTA	L	12.3	.0	•0	6.0	18.3	103.4	.0	•
Thole 9-0	C STATE SURBARY OF S	SCIRWTIST-181	ABS POI	B PT 1977			(PRIUARY)		Ε
ersbrech P	ROORAH GROOP SUNKART					US DA		018 C00P	FOREST
RPG 1.00+	NATURAL BESOURCES	ABS	ERS	PCS/58S	25	TOTAL	SAES	INSTS	SCHOOL
	PORRST BESOGNES	.4	-0		.0	.4	-0	• 0	•
	CHOPS (PIRLD & HORTICOL)	-0 TUBAL)	.0	.0	.0	.0	.0	•0	•
RPG 4.001		.0	.0	.0	.0	.0	2.4		•
	PROPIE, COMBUNITIES, &	.O Regitotions	. 0	.0	.0	-0	2. 1	.0	•
		.0	.0	.0	-0 -0	.0	.0 4.5	-0	•
TEGE GREES	<b>.</b>			••	- <b>-</b>	• •			
					10				

1918 A-0		P SCIENTIST-1	IBABS PO	B PY 1977			(PRINLEY)		B
SEARCH P	PROGRAM GROUP SUMMARY					US D A		<b>ለ</b> መክ ድብልቅ	8 2022220
- 224	-2000000	ARS	885	PCS/889	FS	TOTAL	SABS	OTR COOP INSTS	
	NATURAL RESOURCES	.6	-0	.0	•0	.6	2.0	.0	
g 2.00:	POSEST RESOURCES	.0	.0	.0	15.9	15.9	.0	.0	1.
PG 3.00:	CROPS (PIRLD & HORTICO	OLTORAL) 4.3	.0	.0	.0	4.3	4.1	.0	•1
PG 4.00:	AHIBALS	.3	<b>.</b> 0	.0	.0	.3			
PG 5.00;	PROPLE, COMMONITIES, 6			•0	.0	.0			
PG 6.00:	COMPETITION, TRADE, AD	DJUSTHRNT, PR	RICE & II	INCOMB POLICE	τ				
PG 7.001	GENERAL RESOURCE OR TE				.0	.9			
BAND TOTAL	Ar.	-0 6-1	.0	.0	•0 15•9	.0 22.0			
ABLE V-C		! SCIENTIST-1	BARS POF	8 PY 1977			(PRIMARY)		RI
SBARCH F	ISANKUE 900SD RASDOR9					USUA		07H C00P	
bs 1.00:	NATURAL RESOURCES	288	228	PCS/SRS	PS	TOTAL	Saes	INSTS	5CHOOLS
		21.6	-0	.0	.0	21-6	24.7	•0	•:
	FOREST RESOURCES	.0	•0	-0	12.8	12.8	7.0	.0	3.0
	CROPS (PIBLO & HOBTICO	OLTOBAL) 106.7	-0	.0	•0	108.7	54.3	.0	. (
PG 4.00:	YMINYTZ	3.3	•0	.0	.0	3.3	36.4	•0	.0
/g 5.00:	PROPLE, COMMUNITIES, &	AOITUTIOR 34.5	.0	.0	.0	34.5	15.7	.0	•:
pa 6.00:	COMPETITION, TRADE, 10					6.0	14.9	.0	.1
pg 7.001	GENERAL RESOURCE OR TE				.0	21.7	10.3		• •
∳G 9.00:	UNCLASSIPIED								
RAND TOTAL		.0 '91.2	.0 4.6	.0	.0 12.8	.0 208.6	.5 163.7		. ( q. :
FBFE 4-4	-C STATE SUMMARI OP PROGBAM GROUP SUMMARY	P SCIENTIST-)	irfus bo	D PY 1977			(PRISERY)		B.
, 5a	SOURCE	ARS	ERS	PCS/SBS	<b>P</b> S	USDA	5125	9003 NTO 212N1	POBBSTE
PG 1.00:	NATURAL RESOURCES								
ėg 2.00:	FOREST RESOURCES	5.0	.0	.0	.0	5.0			
	CROPS (PIBLD & HORTICU	.0 (148071U	.0		.0	.0			
PG 4.00:		10.0	.0	.0	.0	10.0	49.3	•0	•
		2.4	.0	•0	-0	2.4	32.8	.0	•
	PEOPLE, COMMUNITIES, 6	.2	-0	.0	.0	.2	13.8	.0	•
?g 6.00:	COMPETITION, TEADS, AD	DJUSTMENT, PR .0	2. 1		۰.0	2.1	13.0	.0	•
2G 7.00;	GENERAL RESOURCE OF TE	SCHWOLOGY CLA 2.2	ASSIPICAT	EBETI WOLTE	•0	2.2	32.0	.0	
7G 9.001	OHCLASSIPIRO	.0	-0	.0	.0	.0			
ETAD LOLY	L	19.8	2.1	.0	.0	21.9			
					19				

SELECA P	BOGBAN GROUP SUBNARY						00		
		ARS	283	PCS/SBS	PS	TOTAL	SARS	OTH COOP INSTS	PORRST SCHOO
G 1-00:	SATURAL RESOURCES	2.1	.7	•0	.0	2.8	20.0	.0	
0 2.00:	POJEST BESODECES	•0	.0	-0	-0	. 0	4.2	.0	
3.00:	CHOPS (PIBLD & MOSTICUL	.TOBAL) 15. B	.0	-0	.0	15.8	35.6	.0	
G 4.00:	AMINALS	56. 1	.0	.0	.0	56.1	24.6	.0	
G 5.00:	PEOPLE, COMMONITIES, &	INSTITUTION		.0	.0	.1	14.9	.0	
G 6.QD:	COMPETITION, TRADE, ADJ	OSTUBUT, PE	1 3 501	POLICY SECOE	.0	1.7	6.6	.0	
G 7.00;	GENERAL PROUBCE OF TEC	ENOLOGT CLA	SSIPICA	enati noli	.0	3.0	6.2	.0	
G 9.00;	DECLASSIFIED	.0	.0	.0	.0	.0	4.4	.0	
AHD TOTA	L	70.8	.7	.0	.0	79.5	116,6	.0	
BLB 9- SYLBCE P	C STATE SUBSABLY OF BOSSAM GBOOP SUBSABLY	SCIBBTIST-1	BLRS FO	R PT 1937			(PRIBARY)		
		ABS	EPS	FCS/SRS	PS	ggol Tatal	SAES	OTH COOP INSTS	Forest Schoo
g 1.00:	RATURAL RESOURCES	5.1	.0	.0	.9	5.1	20.0	-0	
3 2.00:	FOREST RESQUECES	.0	.0	.0	.0	.0	4.6	-0	
3.00:	CROPS (PIELD & EGHTICUL	7DBAL) 24.7	.9	•0	.0	25.6	67.6	.0	
9 <b>4.</b> 90 :	ARIMALS	. 2	.0	.0	.0	. 2	39.6	.0	
5.00:	PROPLE, COMMUNITIES, 6	I PSTITUTION	ıs .0	.0	•0	1, 4	15.5	-0	
6.00:	CCAPETITION, TEADE, 101	OSTBERT, PE	2.1	CORE POLICY	.0	5.0	10.8	.0	
7.00:	GEBBEAL RESOURCE OR TEC	HFOLOGY CL	991FICA1	FLOW ITEMS	.0	.1	13. 2	.0	
9.00:	ONCLASSIPIED	٠٥	.0	.0	.0	.0	14. 4	.0	
AND TOTA	ւ	35. 2	3.0	•0	.0	38.2	185.6	.0	
DLB 4-0	C STATE SOMBART OF ROUGHM CROUP SUMBART					USDA	(PBIEART)	SICHIGAF AND ARBOR	\$ICBIG:
: 1.00:	MATURAL RESOURCES	783		PC\$/SBS	PS	FOTAL			000001
2.00;	POREST RESOURCES	•1	1.0		.0	1,1	24.6		
3.00;	CHOPS (PIELD & BOBTICUL	.O TOBAL)	.0		19. 1				13.
	ARINALS	11.6	.0	_0	۰,	11.6	52.6		•
5.00:	PROPLE, COMMUNITIES, 6	10.0 Institution	.0 s	.0	.0	30.Q	32.0		
	COMPETITION, TRADE, ADJ	-0	,0 ECR 6 II	.0 ICONE POLICE	•0	.0	18.6		
	GENERAL RESOURCE OR TRC	.0	. \$	.0	.0	.5	9.9	•0	
	Caclasstried	.0	. 0	.0	.0	.0	21.7		
ND TOTAL		.0 21.7	.0 1.5	.0	-0 19-1	-0 42.3	.0 166.3		13
	-	-117	1.5	••		~	140.3	3.3	,3

BPG 1.00: NATURAL RESOURCES	16.4	.0	.0	.0	16.4	17.7	.0	
RPG 2.00: POBEST RESOURCES	-0	-0	.0	34.6	34.6	22.0	.0	
BEG 3.00: CROPS (FIELD & HURTICU	LTUBAL) 14.9	-0	.0	.0	14+9	51.5	.0	
PPG 4.00; ANIMELS	.1	.0	.0	.0	.1	29.3	.0	
BPG 5.00: PROPLE, COMMUNITIES, 6	INSTITUTE	83						
PG 6.00: COMPETITION, TRADE, AD		-1 Fich & in	ONB POLICY	.0	.6	27.4	.0	
PG 7.00: GENERAL RESOURCE OR TE	1.9 CHMOLOGY CI	1.9 ASSIPICAT	1.9	.0	5.2	5.9	-0	
	-6	-0	-0	•0	.6	14. 2	-0	
PG 9.00: UNCLASSIFIED	-0	•0	.0	.0	.0	. 2	•0	
BRIND TOTAL	34.3	2.0	1.4	34.8	72.5	\$68.0	•0	
TIBLE V-C STATE SUMMARY OF	SCIBNTIST-	FBLRS POB	PY 1977		<b>(</b> 1	PRIBARY)		
RESEARCH PROCESH GROUP SUMMANT								
	ARS	#85	PCS/825	<b>?</b> S	USDA TOTAL	SARS	OTH COOP INSTS	FOR
PG 1.00: NATURAL RESOURCES	9.0	.0	.0	-0	9.0	10.5	.0	
PG 2.00; POREST RESOURCES	.0	-0	.0	6.0	6.0	10.8	.0	
PG 3.00: CROPS (PIBLD 6 MORTICU	LTURAL) 14-1	•0	.0	.0	14.1	39.1	1.0	
PG 4.00: ANIMALS	4.7	.0	•0	.0	4,7	26. 2	4.6	
CG 5.00: PEOPLE, COMMUNITIES, 6	INSTITUTION	1.0	.0	-0	1, 1	10.7	11.7	
G 6.00: COMPETITION, TRADE, AD					1.8	10.2		
PG 7.40: GENERAL RESOURCE OR TR	CHPOLOGY CL	SSIFICAT	ION ITEMS	•0			.0	
PG 9.00: UNCLASSITIED	8. 1	.0	.0	•0	8.1	8.8	.0	
2442 4044	.0 36.7	. 0 2. 1	.0	.0	-0	.4	.0	
RAND TOTAL	30.7	2.1	•0	6.0	44.8	116.7	17,3	
TAGLE V-C STATE SUMBARY OF BESTARCH PROGRAM GROUP SUMBART	gCIENTIST-	YEARS POR	: Pr 1977		(	PRIHARY)		
and the second state sends		#h.o	800 (C.D.A.	be	OSDA TOTAL	SAES	9000 BTO	
REG 1.00: NATURAL RESOURCES	. 185			PS	TOTAL			
PG 2.00: FOREST RESOURCES	11.3		•0					
	.0	.0	•0	4.0	4.0	2.0	•0	
PG 3.00: CHOPS (FIRLD & HORTICE	12.0	.0	•0	•0	12.0	49.5	-0	
RPG \$.001 ANISALS	23.5	t-2	•0	•0	24.7	34.6	.0	

RPG 5.00: PROPLE, COMMUNITIES, & INSTITUTIONS

RPG 9.00: ONCLASSIFIED

GRASD TOTAL

RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY
6 2.3 .0 .0 2.9 8.3

.0 .0 6.1 .0

RPG 7.90: GENERAL BESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS

.0

47.7

ARS BBS PCS/SRS

TS TOTAL SARS INSTE

4.0

.0 .1

.0 .0 62.0 4.0 57.8 144-2

.0

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15.0

9.6

CR DEOGRA	grade souther								HOR
		183	BRS	PCS/SES	¥8	OSDA Total	SARS	OTS COOP	PORESTRE C
00: R110R	AL RESOURCES	9.7	1.5	.0	.0	11.2	21.7	.0	.0
00: FOR83	T BESOURCES	.0	.0	.0	3.0	3.0	.7	.0	.0
00: CROPS	(FIELD & HOBIL		.0	.0	.0	18.9	50.9	-0	•0
00: BRISA	LS	.5	.0	.0	.0	.5	12.6	.0	•0
00: PROPI	B, COMBUTITIES,			.0	-0	20.4	5.7	.0	.0
00: CO465	TITION, TRADE,	A DJOSTREUT, PAI	CE 6 19C	ORE POLICY	.0	.0	5.8	.0	-0
CO: GEFE	AL SESOURCE OF			O. Spati no					
00: UFCLA	SSIPIBD	17.0	.0	.0	-0	17.0	18.3	.0	•0
TOTAL		-0 66-4	.0 1.6	.0	.0 3.0	.0 71.0	.0 115.7	.0	-0 -0
4-C		OP SCIBBTIST-12	ARS POR	PI 1977		(	PRIMABIJ		ergi
CB PROGRA	GROUP SOURTH					0801		ouso	OHIO PORESTRY
00: SATU	AL RESOURCES	ARS	225	PCS/S25	PS	TOTAL	SAES	ALLIANCE	SCHOOLS
	T RESOURCES	6.7	-0	.0	-0	6.7	15.7	-0	.0
	S (FIBLD & BORTS	.0	•0	•0	26.0	26.0	6.9	.0	.0
00: 16181		17.3	-0	•0	.0	17.3	45.3	.0	.0
		-0	.0	.0	•0	-0	31.3	.0	.0
	B, COGADBITIES,	1.0	-0	.0	•0	1.0	11.0	-0	.0
	HITION, THADB,	• 0	.0	.0	• 0	• 0	4_1	-0	.0
	RAL RESOURCE OR	TECHNOLOGY CLIS	SSIFICATI .0	OW ITEMS	.0	2.7	3.6	-0	.0
00: GRCFI	SSIFIED	•0	-0	•0	•0	•0	.0	.0	.0
TOTAL		27.6	•0	.0	26.0	53.6	117-8	•0	•0
Y-C	STATE SURMAST (	op Scientist-ik	ries por	Pt 1977			Pain 181)		31G) 30U7
On. Wastn	11 BR40HB68m	ARS	BRS	PCS/325	PS	TOTAL	SIBS	INSTS	PORESTRY C SCHOOLS
	AL RESOURCES T RESOURCES	• 0	•0	-0	•0	.0	11.6	.0	.0
		.0	• 0	-0	7.0	7.0	1.8	.0	-0
	(PIELD 6 BORTIO	12.5	.0	•0	•0	12.5	18.7	.0	•0
OC: ANIBA		.0	-0	•0	.0	.0	21.5	•0	•0
	B, CONSUSTIES,	.0	.0	•0	.0	<b>+</b> 0	7.5	.0	-0
	TITION, TRADE, A	.0	. 9	• 0	.0	. 9	4.1	.0	.0
	AL RESODECE OR 1	REGROLOGY CLAS	SIPICATI	OF ITEMS	.0	.2	11.7	.0	-0
O: UNCLA	SSIPIRO	.0	-0	.0	.0	.0	4.9	.0	.0
OTAL		12.7	.9	-0	7.0	20.6	81.8	.0	.0

TABLE V-C STATE SUBSERY OF SCIENTIST-TEARS FOR PY 1977 BESBARCH PROGRAM GROUP SUMMARY

BPO 1.00: NATURAL RESOURCES

RPG 2.00: FOREST RESOURCES

GRAND TOTAL

(PBIGABY)

20.1

USDA OTH COOP PC ARS ERS PCS/SRS PS TOTAL SARS INSTS S

. 0

20.7 3.0 .0 117.0 140.7 161.2 .0

3.0

RPG	2.00:	POREST RESOURCES	.0	.0	.0	117.0	117.0	11.5	.0
APG	3.00:	CROSS (PIBLD & HORT)	COLTOBAL)	.0	.0	-0	14.9	42.3	.0
BPG	4.00:	ANIMALS	1.0	•0	.0	-0	1.0	28. 3	-0
RPG	5.00:	PROPER, CONMONITIES,	.0 S INSTITUTIONS	.0	.0	.0	.0	23.7	.0
BPG	6.00:	COMPETITION, TRADE,	ADJUSTERNT, PRIC	.0 .0	OB POLICE	.0	.0	10.3	.0
RPG	7.00:	GERESAL RESOURCE OR	TECHNOLOGY CLASS	STPICATIO	SMETI W	.0	4.0	25.0	•0

.0 3.0 .0

RESERVE PROGRES GROUP SUBBLET							
	ARS	183	FCS/525	<b>P</b> 3	US DA TOTAL	SABS	OTH COOP INSTS
EPG 1.00: PATORAL RESOURCES	20.5	2,6	-0	1.1	24.2	22.0	.0
FPG 2.00: POREST RESOURCES	•0	.0	-0	29.9	29.9	4.7	-0
RPG 3.00: CACPS (PIRLO & BORT	(CULTORAL)	.0	.0	.0	40.7	49.8	.0
PPG 4.00: ATTEALS	.0	-0	.0	.0	.0	16.5	.0
BPG 5.00: PROPIE, COMMUNITIES	. B INSTITUTION	.0	.0	.0	•0	14.1	.0
EPG 6.00: CCMPZTITION, TRADE,	10JOSTOBET, PE	108 6 11	POLICY SECO	.0	.0	7.4	.0
BPG 7.00: GENSBAL RESOURCE OR	TECHNOLOGY CL	SSIPICAT .0	O	.0	-0	10. 1	.0
GERRO TOTAL	61.2	2.6	.0	31.0	91.8	124.5	.0

TABLE T-C STATE SUBSABI OF SCIENTIST-IRADS FOR PT 1977

RPG 9.GO: ONCLASSIPIED

EPG 9.00: UNCLASSIFIED

CRAND TOTAL

GRAND TOTAL

(PRIBART)

.0

330.9

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69.4

1.0

548.3

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1	lble	F-C STATE SOUBLE	T OF SCIENTIST-	TEARS POR	2 Pf 1977		(1	PRIBART	
8	22273C1	PROGRIA GROUP SURNAL	T						
			189	BRS	PCS/SBS	78	CSD1 TOTAL	SAES	QOOD RED
£	90 1.00	: FRIURAL BESONRERS	47.5	.0	. 0	.0	47.5	75.9	.0
b	PG 2.00	POREST RESOURCES	.0	.0	.0	69-4	69.4	42.2	.0
В	PG 3.00	: CBOPS (FIELD & BOE	TICOLTUBAL) 107-3	.0	.0	-0	107.3	187.0	.0
8.	PG 4.00	1: leinels	30+2	.0	.0	•0	30.2	45.5	.0
1	PG 5.00	: PROPLE, CORRUSITIE	9, 6 1857170710 33.2	.0	.0	.0	33.2	70.7	.0
R	PC 6.00	COMPETITION, TRADE	, ADJUSTSENT, P	81CE & 18	COMP POLICY	.0	21.9	10.7	.0
8	PG 7.00	: GEFERIL RESOURCE O	B TBCBBOLOGI CL	assificat . D	TION ITEMS	.0	21.4	115.3	.0

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257.6

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		61016- I						
TABLE 1-		CISBII21-	EARS PUL	FI 1977		(1	BISARY	
RESELECE P	ROGBAN GROUP SUNNANT							
		ARS	295	7C3/3RS	75	USDA 2071l	5175	OTH COOK
BPG 1.00:	WATURAL RESOURCES	25.9	3.3	.0	.0	29.2	47-1	•(
RPG 2.00:	POREST BESQUECES	.0	•0	-0	46.0	46.0	1.6	•(
:00.C 3qa	CROPS (FIELD & BORFICGLY	VB11) 10.6	-0	.0	.0	10.6	46-6	
RPG 4.00:	ABIRALS	7.8	.0	.0	-0	7.8	33.2	•(
BPG 5.00:	PROPIE, CONSUSTINS, 6 1	#3717U7LO1	.0	.0	.0	.0	9-1	-(
EPG 6.00:	COMPRESSION, TRADE, ADJO	STARNT. PI	FICE & II	COSE POLICE				
		.0	2. 2	.0	-0	2.2	6.2	- 0

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	PROGRES GROUP SURFARY	361881131	101 64441	. 21 1977		(	BRI RTHA!		
Bosakaca .	AGOSSA ORGOS SGUARAS	ARS	Bas	PCS/SBS	75	OSDA TOTAL	SAES	OTH COOP	
RPG 1.00:	NATURAL BESOURCES	.0	.0	•0	•0	•0	9. 2	.0	
RPG 2.00:	POSEST RESOURCES	• 0	.0	.0	11.0	11.0	2.9		
BPG 3.00:	CROPS (PIELD & HORTICE)				_			.0	
APG 4.00:	ANIMALS		.0	• 0	•0	14.0	54.0	. 0	
BPG 5.00:	PROPER, COMMONITIES, &			• 0	.0	.0	8.0	•0	
RPG 6.00:	COSPETITION, TRADE, AD.	.0 Justhbut, p	.0 BICE 6' 1:	.0	•0	-0	11.6	- 0	
	GBNBRAL RESOURCE OF TEC	. 4	.0	.0	-0	-4	5.2	•0	
		-0	.0	.0	•0	.0	3.7	.0	
	UNCLASSIPIED	.0	-0	-0	+0	-0	. 5	- 0	
GRAND TOTA	AL.	14.4	•0	•0	11.0	25.4	95. 1	-0	
Table 7-	C STATE SUBBARY OF	SCIBATIST-	YBARS PO	1 PT 1977		(	PBINART		
BESEARCH (	PROGRAM GROUP SUMMARY								
		185	BAS	PCS/SRS	PS	us ol Tutll	SARS	OTH COOP	1
BPG 1.00:	NATURAL RESOURCES	22.1	.0	٠٥	.0	22.1	9.2	.0	
RPG 2.00;	POBEST RESOURCES	.0	.0	.0	23.0	23.0	2.2	.0	
RPG 3.00:	CROPS (FIRLD & HORTICO	LTURAL) 6-9	-0	.0	.0	6.9	36. 1	.0	
RPG 4.00:	ANIMALS	5.0	.0	.0	.0	5.0	12.8	.0	
BPG 5.00;	PROPER, COMMUNITIES, 6	INSTITUTION O		.0	•a	.0	5.0	.0	
BPG 6.00:	COMPETITION, TRADS, AD-		KICE 6 II		.0		5- 1		
996 7.00:	OBHERAL RESOURCE OR TEC	CHNOLOGY CL		LION ITEMS		.0		.0	
	ONCLASSIFIED	-0	.0	.0	-0	•0	3.5	.0	
RPO 9.00:		•0	.0	• 0	•0	.0	. 6	.0	
	AL.	34.0	.0	.0	23.0	57.0	76.4	.0	
REO 9.00:	AL.	34.0	.0	.0	23.0	57.0	76.4	.0	
GRAND TOTA	C STATE SUMMARY OF				23.0		76.4 PBINABI)	.0	
GRIND TOTA		SCIENTIST-	TBARS POI	a gr 1977		(: USD <b>)</b>		OTE COOP	P
GBIND TOTA	C STATE SUMMARY OF	SCIENTIST-	IOT EREEY	a er 1977 ecs/sas	PS	USDA 707 hl	9 <b>21313</b> 1}	OTE COOP	P
CRIND TOTAL TABLE Y- RESELECH F	C STATE SUMMARY OF PROGRAM GROUP SOMMARY	SCIENTIST- ars 7.2	YBARS POI	R PY 1977 PCS/SRS .0	PS .0	USD1 70T11 7.2	9218231)	ote coop	P
CRIND TOTAL	C STATE SUMMARY OF PROGRAM GROUP SUMMARY BATURAL RESOURCES	SCIENTIST- ARS 7.2 .0 LTUBAL)	WES POI	PCS/SRS .0	PS .0 53.6	USDA 70TAL 7.2 53.6	.2 2123 16.6	00. 000 870 000 870	P
TABLE Y-PESTARCH F	C STATE SUMMARY OF ROODEN GROUP SUMMARY  WATURAL RESOURCES  FOREST RESOURCES  CROPS (FIRLD 6 HORTICUL	SCIENTIST- ARS 7.2	YBARS POI	R PY 1977 PCS/SRS .0	PS .0	USDA 707AL 7.2 53.6	5335 16.6 .2 30.4	078 COOP 18573 -0 .0	P
PABLE Y-RESEARCH F	C STATE SUMMARY OF PROGRAM GROUP SOMMARY  MATURAL RESOURCES  FOREST RESOURCES  CROPS (FIBLD 6 HORTICUI	SCIENTIST- ARS 7.2 .0 LTUBAL) 12.4 5.4	TRARS FOI	PCS/SRS .0	PS .0 53.6	USDA 70TAL 7.2 53.6	.2 2123 16.6	00. 000 876 000 870	P
PABLE V-PESKARCH F RESKARCH F RPG 1.00: RPG 3.00: RPG 4.00:	C STATE SUMMARY OF PROGRAM GROUP SUMMARY  WATURAL RESOURCES  POREST RESOURCES  CROPS (FIELD 6 HORTICUS  ANIMALS  PROPLE, COMMUNITIES, 6	SCIENTIST-  ARS  7.2  .0  LTUBAL) 12.4  5.4  INSTITUTIO	YEARS POI	PCS/SRS .0 .0 .0 .0 .0	PS .0 .0 .0 .0 .0	USDA 707AL 7.2 53.6	5335 16.6 .2 30.4	078 COOP 18573 -0 .0	P
TABLE 9- BESKARCH F  RPG 3.00: RPG 3.00: RPG 4.00: RPG 5.00:	CONPETITION, TRADE, ADD	SCIENTIST- ARS 7.2 .0 LTUBAL) 12.4 5.4 INSTITUTIO .0 GOSTHENT, F	YBARS POI	PCS/SRS .0 .0 .0 .0 .0 .0 .0	PS .0 .0 .0 .0 .0	USDA 70Th1 7.2 53.6 12.4 5.4	5183 16.6 .2 30.4 9.7	078 COOP - 0 - 0 - 0	P
TABLE 9- BESKARCH F  RPG 3.00: RPG 3.00: RPG 4.00: RPG 5.00:	C STATE SUMMARY OF PROGRAM GROUP SUMMARY  WATURAL RESOURCES  POREST RESOURCES  CROPS (FIELD 6 HORTICUS  ANIMALS  PROPLE, COMMUNITIES, 6	SCIENTIST- ARS 7.2 .0 LTUBAL) 12.4 5.4 INSTITUTIO .0 GOSTHENT, F	YBARS POI	PCS/SRS .0 .0 .0 .0 .0 .0 .0	PS .0 53.6 .0 .0 .0	USDA 70TAL 7.2 53.6 12.4 5.4	9.7 3.7	ors coop 18573 -0 .0	P

RPG	1.00:	NATURAL BESOURCES	•1	.0	.0	.0	•1	4.1	•0
8PG	2.00:	PORRST RESOURCES	.0	.0	.0	2.0	2.0	3.4	.0
BPG	3.00:	CHOPS [FIBLD & HORTICULT	0811) 4.8	.0	.0	-0	4.8	0.9	.0
BPG	*.00:	AHIBALS	.0	.0	٠٥.	.0	.0	10.5	.0
RPG	5.00:	PROPIE, COMMUNITIES, 6 I	ENDITOTIONS 0.	• 0	.0	-0	-0	3.4	•0
BPG	6.00:	COMPRESSION, TRADE, ADJU	STREBT, PRIC	B & INCOME	POLICE	•0	-0	2.8	.0
RPG	7.00:	GEREBYL SEZONSCE OB JECS	BOLOGY CLASS:	IPICATION :	ITE#S	.0	• 0	1. 1	. 0
RPO	9.00;	DMCLASSIPIED	.0	.0	•0	.0	.0	. 6	<b>-</b> 0
GRAN	D TOTAL	L	4.9	.0	.'o	2.0	6.9	34.7	•0

ABS BBS PCS/SBS PS YOTAL SABS

OTH COOL

TABLE	7-C	STATE	5046
ESSEARCE	PROGRAM	9009	SOUR

GRAND TOTAL

GRAND TOTAL

BART OF SCIENTIST-TEARS POR PT 1977 (PRISARY) HARY

		ABS	BRS	PCS/SRS	PS	USDA TOTAL	SABS	OTB COO
BFG 1.00:	PATURAL BESOURCES	3.7	.0	.0	.0	3.7	8.0	• (
RPG 2.00:	POREST RESOURCES	. 0	• 0	.0	3.0	3.0	5.0	۰(
898 3.00;	CROSS IFIRED 6 BORTICULTUR	9.0	.0	.0	.0	9.0	43.2	.(
RPG 4.00:	ANIHALS	1.4	.0	.0	.0	1.4	11.0	.(
BPG 5.00:	PROPLE, CONSCRITIRS, 6 185	TITUTION	s .0	.0	.0	.0	5.2	•(
RPG 6.00:	COMPRTITION, TRADE, ADJUST	KENT, PR	ICE & IBC		•0	.0	5,4	.0
BPG 7.00:	GENERAL PESOURCE OR TECHNO				.0	.0	2.4	
896 9.001	ORCLASSIFIED	••	••	• 0	. 0	.0	2.4	. (

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80.9

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TABLE V-		18185 PO	R PT 1977		(8	RIMARTS	
BRZETECH 6	SOGRAM GROUP SUMBARY						
	165	285	PCS/585	24	USDA Tutal	SAES	OTH COO
BPG 1.00:	HATUBAL RESOURCES 6.7	1.1	.0	•0	7.8	17.8	•
Beg 2.001	POREST RESOURCES	.0	.0	80.1	80.1	3.8	•
RPG 3.00:	CROPS (FIELD & BORFICOLTOBAL) 19.2	-0	.0	.0	19. 2	49.8	•
BPG 4.00:	A SIAMELS	1.2	•0.	-0	1.6	23.8	•
BPG 5.00s	PROPER, CORNORITIES, & INSTITUTION .0	rs . o	. 0	•0	.0	43.4	•(
8PG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PI	. 108 E 11	CORE BOTICA	.0	.8	3.2	•1
BPG 7.00;	GREER RESOURCE OR TRUBBOLOGY CL	ASSIFICAT	TION ITEMS	-0	.4	22.5	•1
BPG 9.00:	UNCLASSIPIED						

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26

.0 .0 .0 .0 .0 .0 80.1 109.9 134.3

TABLE W-C STATE SUBBART OF SCIBSTIST-TRAPS FOR PT 1977

(PRIBABY)

RESEARCH PROGRAM GROUP SUBBART

	à F	as Bas	FC5/SB5	PS	OSDA TOTAL	SARS	OTE COO
BPG 1.00:	WATCRAL RESOURCES	.0 .0	.0	.0	.0	.1	
EPG 3.001	CROFS (FIRLD & HORTICULTURAL)	.0 .0	.0	.0	.0	1.7	
RPG 5.00:	PROPLE, COMMUNITIES, 6 193717	Offices	.0	•0	.0	.0	
BPG 6.001	COMPRTITION, TRADE, ADJUSTMES	PRICE 6			.0	-0	
GRIND TOTA	1 .	.0 .0	.0	.0	.0	1.8	

TABLE	¥	-B NATIONAL SUMBARY OF	SCIBNTIST-	TBARS POI	R PT 1977		ţı	PRIBARI)		
BESBAR	BCB	PROGRAM SUMBARY								
			ABS	BRS	PCS/58S	PS	US DA TOTAL	SABS	OTH COOP	1
EP 1.0	01:	SOIL & LAND OSB	105.5	19.8	.0	•0	125.3	274.6	3.0	
BP 1.0	02:	NATES 6 WATERSHEDS	173.7	8.5	•0	1.1	183.3	124.7	.0	
gP 1.0	03:	BRCBETLION	.0	•0	• 6	.0	.0	26.9	.8	
8P 1.0	04:	ERAIBORHERATY GOYFILA	164.5	20.3	.0	.0	184.8	272.2	17.9	
89 1.0	05:	REATHER HODIFICATION POI	agricultu 4.0	BB & PORI	STRY .O	.0	4.0	33.8	.4	
BP 1.0	06:	PISH & WILDLIPS	• 8	- 0	.0	.0	. 6	62.8	.8	
82 1.0	07:	REMOTE SENSING	5.0	.0	• 0	.0	5.0	6.0	.0	
BP 2.0	01;	IMARALORA & WALBERT OF	P FORBST RE	SOUBCES	•0	57.6	57.6	22.4	.0	
8P 2.0	02:	TIMBEB HANGEBERT	.0	• 0	.0	219.3	219.3	107.3	-6	
8P 2.0	03;	POREST PROTECTION	6.3	.0	-0	239.6	245.9	87.8	. 2	
RP 2.0	09:	HARPESTING PROCESSING 6	HARKETING .0	OF PORES	PRODUCTS	198.7	198.7	97.0	.0	
EP 2.0	05:	POREST SATESSHEDS, SOILS	. POLLUTIO	. O	.0	128.7	120.7	27.5	.0	
BP 2.0	06:	PORREST BANCE VILOLIPE &	PISHBBIBS	TATIGAU 0-	THEHEOJEVEC	65.7	65.7	24.6	.0	
BP 2.0	07:	POREST RECPEATION 6 AEST	HBTICS & O	TH LANDS	CAPE VALUES	19.4	19.4	21.0	.0	
SP 2.0	0B;	ALTERNATE USES OF LAPO	.0	• 0	.0	18.5	18.5	15.2	.0	
RP 2.0	09:	TECHINICAL ASSISTANCE	•0	<b>-</b> 0	-0	3.0	3.0	.5	•0	
gp 3.0	01:	COBA	88.1	. 3	-0	.0	88.4	162.3	.2	
RP 3.0	02:	DEAIN SORGHOR	21.1	. 2	•0	.0	21.3	50.0	.0	
BP 3.0	03:	20511	92.6	.3	.0	•0	92.9	129. 1	.6	
£P 3.0	04:	SHALL CRAINS OTHER THAN	988AT 35.7	.2	.0	.0	35.9	71.0	5.9	
RP 3.0	05;	BICB	17.3	. 2	.0	.0	17.5	35.2	.0	
BP 3.0	06:	SOSBBARS	95.2	-8	.0	.0	96.0	188.0	9.1	
#P 3.0	07‡	PEANUTS	26.2	_0	•0	.0	26.2	41.3	2.0	
₽₽ 3.0	082	SUGAB	62.0	۰	٥	٥	62.0	63.0	0	

.0 .0 -0 52.9 53.8 52.9 .0 EP 3.09: POBRGE, RANGE, & PASTURE 153.1 . 1 .0 .0 153.2 330.6 . 3 EP 3. 10: COTTON 272.3 2.4 .0 .0 274.7 126.5 6.0 RP 3.11: TOBACCO 49.5 .0 .0 .0 49.5 60.5 . 2 SP 3.12: NEW CROPS & MINOR OILSERDS 56.1 .0 .0 56.1 39.7 .0 .0 2P 3.13: PROIT 182,5 .0 .0 182.5 462.4 1.8 .0 BP 3.14: TROBTABLE CROPS .0 140.2 .0 -0 140.2 485.2 9.0 EP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT 45.9 .0 215.4 ٠. .0 45.9 SP 3.16: BEES & OTHER POLLIMATING IMSECTS 32.1 .0 ' 17.8 .0 .0 32.1 .0 89 4.01: BBBP 2.4 ٠. .0 152.1 353,1 6.1 149.7 EP 4.02: DAIRE 282.6 98.4 .0 .0 .0 98.4 2.0 EP 4.03: FOOLTBY 71.0 .0 .0 .0 71.0 223.1 4.9 EP 4.04: SHEEP 55.8 .0 .0 •0 55.8 74.7 1. 1 29

TIBLE	7 - B	PATIONAL SUMMARY	op	SCIENTIST-YEARS POR PY	1977	(PRIMARY)

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PESHARCE PROGRAM SUSHARY

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	185	223	PC8/383	<b>T</b> S	USDA TOTAL	SAES
8P 4.05:	SHINE 53.9	.0	.0	.0	53.9	137.6
RP 4.06:	OTHER ANIMALS (HORSES, COATS, PET 15.8	S, LAPORAT	OBT, ETC.)	.0	15.8	85.4
BP 4.07:	AQUATIC POOD 6 PEEDSTUPPS .1	-0	.0	.0	.1	66.6
RP 5.01:	POOD & NUTRITION 170.6	12.5	.0	.0	183.1	175.3
8P 5.02:	FOOD SAPETY 134.9	.0	.0	.0	134.9	112.7
SP 5.03;	BOBBT DEASTOCHEMA & COSTLAIR OL ST	MILY LIVIN 51.9	.0	.0	72.1	292.9
BP 5.04:	INSECTS APPECTING MAN 6 BIS BELOW 29.6	GINGS .O	•0	٠.0	29.8	41.6

RP 5.05: BESTARCE OF ADSIDISTRATION OF BESTABCE .0 .0 .0

BP 6.03: MARKETING & COMPRETITION 56.1 180.9

BP 6.02: FORRIGH AGRICULTURAL TRACE & ECONORIC DEVELOPMENT 37.6 80.7 .0

BP 6.01: PARM ADJUSTMENT, PRICES 6 INCOME 8.2

RP 7.01: GENERAL RESOURCE OF TECHNOLOGY 274.2

RP 9.01: UNCLASSIPIRO

GRAND TOTAL

EESEARCE PROGRAM SUMMARY

		ABS	EPS	PCS/SRS	PS	USDA Total	SAES	OTB COOP INSTS
8P 1.02:	WATER C WATERSHEDS	6.1	.0	.0	.0	6.1	.0	.0
RP 2.03:	FOREST PROTECTION	1.6	.0	.0	٠.0	1.6	. a	.0
pp 3.02:	GRAIN SORGHUR	.7	.0	.0	.0	.7	.0	٠0
29 3.03:	TIBLE	.7	.0	.0	.0	.7	.0	.0
8P 3.04:	SMALL CRAIRS OTHER TRAN W	HBAT 1.0	.0	•0	.0	1.0	.0	-0
BP 3.05:	RICB	.4	.0	.0	.0	.4	.0	.0
8P 3.06:	SOTBRANS	.5	.0	.0	.0	.5	.0	.0
BP 3.07:	PRANUTS	.4	.0	.0	.0	. 4	.0	.0
89 3.08:	SUGAR	.5	-0	.0	.0	• 5	.0	•0
BP 3.09:	POBAGE, BANGE, & PASTURE	2.6	•0	-0	.0	2.6	.0	.0
BP 3.10:	COTTON	.0	.0	.0	.0	.0	.0	.0
BP 3.12:	MER CROSS & WINOR OILSEED	7.4	.0	.0	.0	7.4	.0	.0
BP 3.13:	PROIT	2.3	.0	.0	.0	2.3	.0	.0
RP 3.14;	VEGETABLE CHOPS	4.8	.0	.0	.0	4.8	•0	.0
BP 4.01;	Bret	2.4	.0	.0	.0	2.4	.0	.0
BP 4.02:	DAIRY	2.2	.0	.0	.0	2.2	.0	.0
RP 4.05:	SWIBB	.0	.0	-0	.0	.0	.0	.0
EP 5.03:	RURAL DEVELOPMENT & QUALI	TY OF FAH:	.0	ıG -0	.0	.9	-0	.0
RP 5.04:	INSECTS APPECTING MAN & H	15 BBLONG	.O	.0	.0	2.1	.0	.0
RP 6.02:	PORBIGN AGRICULTURAL TRAD	8.8 6.8	O .0	.OPMBUT .O	.0	6.8	.0	-0
BP 7.01:	GENERAL RESOURCE OF TECHN	orogi -8	.0	-0	.0	.8	.0	.0
GRAND TOT	PAL	44.0	.0	-0	.0	44.0	.0	.0

	•	185	RRS	PCS/S85	PS	OSDA Total	\$ <b>1</b> 85	OTE COOP	SCHOOLS
1.01:	SOIL & LIPP DSE	16.7	14.6	.0	.0	31.3	34.0	. 3	.0
1.02:	STEER S RETER	17.3	9.1	.0	.0	21.5	6.2	.0	.0
1.03:	BECRBATION	.0	• 0	.0	.0	.0	8.2	-0	.0
1.69:	BRAIBORSEATY GOYFILL	59.7	10.4	.0	.0	70.1	61.4	.8	•0
1,05:	WEATERS HODIFICATION PO	AGBICOLTOB	B & POBE	SSTRT .0	-0	.0	2.6	.0	.0
1,06:	FISH & WILDLIPE	.1	.0	.0	-0	, f	13.9	. 6	.0
1.07:	BENOTE SEESING	.9	-0	.0	.0	.9	. 6	.0	-0
2.01:	INVENTORY & APPRAISAL (	OF POBEST BES	OUBCRS - 0	.0	7.0	7.0	3. 1	.0	.3
2.021	TIXBER MANAGEMENT	-0	•0	.0	30.0	30.0	15.2	.0	3,2
2.03:	POPEST PROTECTION	4.7	• 0	.0	20.5	25.2	20.1	.0	3.1
2.09:	STEARSTING BEOCRESSING	O O .0	P PORES1	PRODUCTS .0	26-0	26.0	13.4	.0	9.3

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REGIONAL SURBARY OF SCIENTIST-18185 FOR FT 1977

BLE V-B

SELECH PROGRAM SOMBLAT

2.05: FOREST WATERSBEDS, SOLLS, FOLLOTION

2.08: ALTERNITE OSES OF LAND

2.09: TECHINICAL ASSISTANCE

3.04: SALL GRAIPS OTRER THAN WHEAT

3. 12: NEW CROPS & MINOR OILSBEDS

3.15: PLANTS TO BURINCE THE ENVIRONMENT 25.5

3.16: BRES & OTHER POLLIFIED INSECTS

3.01: COBW

3.03: PHEAT

3.05: BICB

3. 13: PROIT

4.01: SEEF

4.02: DATEY

4.03: POULTET

4.04: SBEEP

3.14: PEGETABLE CHOPS

3.06: SOTBEAMS

3.02: GRAIN SORGEON

2.06: POREST BANGE WILDLIFE & PISSERIES HABITAT DEVELOPMENT

2.07: POEBST BECREATION 6 ABSTRATICS & OTH LANDSCIPE VALUES .0 .0 .0

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RESELECH PROGRAM SUBBARY

	7,72	283	PCS/885	73	USDA Total	9115	OTH COOP
29 4.052	SKINS 25.4	.0	.0	.0	25.9	8.5	.0
gp 4.06:	OTHER AVINALS (HORSES, GOATS, PR	TS. LABORA	TORY, BTC.)	.0	4.6	31.6	.0
SP 4.07:	AQUATIC FOOD & PERDSTUPPS	٠.۵	.0	.0	.1	12.1	.4
PP 5.01:	POOD 6 NUTRITION 130.4	12.5	.0	.0	142.9	37.0	.5
RP 5.021	FOOD SAPETT 45.7	-0	.0	.0	45,7	26.4	.1
RP 5.03:	BURAL DEVELOPMENT & QUALITY OF F	AMILT LITI	NG .0	.0	50.3	63.0	1.7
BP 5.04:	INSECTS APPECTING HAW & HIS BELO	.0 SMCINGS	.0	.0	4.0	13.9	.0
EP 6.01:	PARE ADJUSTMENT, PRICES 6 INCOME 3.7	59.5	.0	.0	63.2	16.8	.1
BP 6.02:	FOREIGN AGRICULTURAL TRADE 6 ECO	BOHIC DEVE	.O.	٠0	85.3	8.2	.0
gp 6.03:	HARKSTING & COMPETITION 26.8	145.2	19.7	.0	191.6	25.3	.0
BP 7.01:	GENERAL RESOURCE OR TECHNOLOGY 131.4	.0	• 0	.0	131.4	83.9	.2
EP 9.01:	UNCLASSIPIED .0	1.0	-0	.0	1.0	8.9	.0
GRAND TO	TAL 822.6	374.7	19.7	112.2	1329.2	960.5	5.8

. 4	-B REGIOVAL SUMBBER OF	SCIENTIST-TR	ARS POR PY	1977		(1	PRIMARY)		8801
BCH	PROGRAM SONBART								5001
		125	225 PC	3/525	PS	US DA TOTAL	5483	OTB COOP	SCHOOLS
11:	SOIL & LAND DOE	24.6	1.0	-0	.0	25.6	75-9	2.6	.0
2:	WATER & WATERSHEPS	58.4	1.0	•0	•0	59-4	30.7	.0	.0
3:	RECEPATION	.0	•0	•0	.0	.0	5.7	.8	.0
9:	BRAIBORUBRINT GOTTILA	32.5	1.7	.0	.0	34.2	74.5	17.1	.0
5:	WEATHER SODIFICATION FOR	AGRICOLTURE	6 FORBSTE	.0	.0	.4	2. 5	.4	.0
6:	FISH & WILDLIPS	.0	•0	.0	•0	.0	21.5	.2	.0
7:	SESOTS SENSING	3.5	.0	.0	٠0	3.5	2.1	•0	.0
1:	INTENTORY & APPRAISAL OF	FOREST RESO	η <b>β¢8</b> \$ •0	•0	13.0	13.0	5.8	-0	. 0
2:	TIBBER BAWAGEBERT	.0	•0	.0	78.0	78.0	44.6	. 6	7.4
3:	POBEST PROTECTION	.0	•0	.0	62.3	62.3	36.3	.0	3.9
:	BLSTESTING PROCESSING &	HABRETING OF	POREST PR	ODUCTS	32.7	32.7	40.4	.0	1.2
5:	POREST WATERSERDS, SOILS	, POLLOTION .0	•0	.0	25.1	25.1	6.7	.0	2.5
5 :	POREST BANGE WILDLIPE &	PISHERIES AA	SVED TATIES	LOPMENT	10.8	10.8	10-7	.0	1.9
7:	POBEST RECREATION & AEST	BETICS & OTH	LAMDSCAPE	PALOES .0	1.0	1.0	3.7	.0	.8
3 :	ALTESNATE DEES OF LAND	.0	.0	.0	.6	.6	4.1	.0	.8
;	TECHIFICAL ASSISTANCE	•0	•0	.0	.0	.0	.4	.0	.0
1	COBA	21.4	-0	-0	.0	21.4	39.9	. 2	.0
2	GRAIN SORGAON	10.0	.0	.0	.0	10.0	21.3	.0	•0
3:	PREST	8.5	.0	.0	.0	6.5	19.2	.6	-0
1 2	SHALL GRAIDS OTHER THAN	WBB11 4.2	•0	• 0	.0	4.2	15.9	5.9	.0
<b>:</b>	BICB								

.05: RICE 12.9 .0 .0 .0 12.9 28.1 .0 -0 .06: SOTBERES 25.4 . 3 .0 .0 25.7 97.0 7.2 .0 .07: PEABOTS 25.8 .0 .0 -0 25.8 40.6 -0 2.8 1.08: SUGAR 24.3 .0 .0 .0 35.3 24.3 .0 -0 .09: PORAGE, BANGE, & PASTURE .0 127.4 .0 41.1 .0 -0 41.1 . 3 . 10: COTTOR .0 233.9 1.0 .0 234.8 85.7 6.0 .0 .11: TOBACCO .0 38.9 .0 30.9 50.8 . 2 .0 .0 1.12: NEW CROPS 6 NIMOR OILSERDS .0 .0 .0 10.3 9.1 .0 -0 .13: 71017 .0 77.6 77.6 168.4 -0 ٠.٥ 1.8 .0

. 14: VEGETABLE CROPS

.01: BEEF

.02: DAIRY

.03: POULTRY

. 04: SBEEP

1.15: PLANTS TO BRUANCE THE ENVIRONMENT

1. 16: BEES & OTHER POLICIATING INSECTS 6.2

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4.07: AQUATIO 5.01: POOD 8 5.02: POOD 33 5.03: HUBBL 1 5.04: INSECTS 5.05: RESELEC 6.01: FARM AU 6.02: PORBIGS 6.03: MARKETJ 7.01: GRWERAL 9.01: OWCLASS		3.3  6.2  30.4  TY OF FAM 12.9  IS BELONG 21.2  W OF SESE .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0	.0 .0 .0	USDA TOTAL 6.8 3.3 .0 6.2 30.4	SAES 47.9 27.4 41.6 35.4	02H COOP INSTS 3.6 1.3 2.1 23.2	SCHOOL
4.06: OTHER A 4.07: AQUATIC 5.01: POOD 8 5.02: POOD SA 5.03: HUBAL 1 5.04: INSECTS 5.05: RESEARC 6.01: PARM AC 6.02: POERIGN 6.03: MARKETJ 7.01: GRMERAL 9.01: OWCLASS	CC POOD 6 PERDSTOPES  SAVETY  DEVELOPMENT 6 QUALT  TS AFFECTING HAN 6 H  CCB ON ADMINISTRATIO  DJOSTHENT, PRICES 6	ATS, PRTS 3.3  6.2  30.8  TY OF PAN 12.9  IS BELONG 21.2  W OP SESE 1.1	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .0 .0 .0 .0	.0	3.3 .0 6.2 30.4	27.4 41.6 35.4 24.3	1. 3 2. 1 23. 2	•
4.07: AQUATIO 5.01: POOD 8 5.02: POOD 33 5.03: HOBAL 1 5.04: INSECTS 5.05: RESELEC 6.01: FARM AU 6.02: PORSIGN 6.03: MARKETJ 7.01: GRWERAL 9.01: ONCLASS	CC POOD 6 PERDSTOPES  SAVETY  DEVELOPMENT 6 QUALT  TS AFFECTING HAN 6 H  CCB ON ADMINISTRATIO  DJOSTHENT, PRICES 6	3.3  6.2  30.4  TY OF PAH 12.9  IS BELONG 21.2  W OP SESE 0  INCOMB 1.1	.0 .0 .0 .0 .111 1191MG 6.2 IINOS .0 .124 .0	.0	.0	.0 6.2 30.4	41.6 35.4 24.3	2.1	
5.01: POOD 8 5.02: FOOD SI 5.03: ROBAL I 5.04: INSECTS 5.05: RESELEC 6.01: FARM AC 6.02: FOREIGN 6.03: MARKETJ 7.01: GRWERAL 9.01: OWCLASS	E WOTBITION  SAFETY  DEFECTING HAN 6 H  ICE ON ADBINISTRATIO  DJOSTHENT, PRICES 6	.0 6.2 30.4 TY OF FAM 12.9 IS BELONG 21.2 W OF SESE .0	.0 .0 .0 .1Ity living 6.2 INOS .0	.0	.0	.0 6.2 30.4	35. 4 24. 3	23.2	•
5.03: HORAL I 5.04: INSECTS 5.05: RESEARC 6.01: FARM AU 6.02: PORRIGH 6.03: BARKETJ 7.01: GRWERAL 9.01: OWCLASS	DEVELOPMENT & QUALL SE AFFECTING HAN & H. CCB ON ADMINISTRATIO	6.2 30.4 TY OF FAM 12.9 IS BELONG 21.2 W OF SESE .0 INCOMB	.0 .0 .111 lifing 6.2 INOS .0 EAPCH .0	.0	.0	6.2 30.4	35. 4 24. 3	23.2	
S.04: INSECTS S.05: RESELEC G.01: PARE AU G.02: FOREIGN G.03: MARKETI F.001: GRWERAL	DEVELOPMENT & QUALITY OF A PRICES &	30.0 TY OF FAM 12.9 IS BELONG 21.2 W OP BESE .0 INCOMB	.0 ILY 119ING 6.2 INGS .0	.0	.0	30.4	24.3		·
5.04: INSECTS 5.05: RESELEC 6.01: PARH AU 6.02: FOREIGN 6.03: MARKETJ 7.01: GRWERAL	TS APPRITING HAN 6 H.  CE ON ADBINISTRATIO	TY OF PAN 12.9 IS BELONG 21.2 W OF SESE .0 INCOUR 1.1	ILY LIVING 6.2 INOS .0	.0	.0				
5.05: RESEREC 6.01: PARE AU 6.02: PORRIGO 6.03: MARKETI 7.01: GRUERAI 9.01: ONCLASS	CE ON ADBINISTRATIO	IS BELONG 21.2 W OF SESE .0 INCOMB 1.1	.0	.0			84.2	19.0	
6.01: PARS AT 6.02: PORRIGE 6.03: BARKET! 7.01: GRURRA!	DJOSTHBNT, PRICES 6	OP SESE	•0		٠٥.	21.2	6.6	•0	•'
6.02: PORRIGO 6.03: MARKETJ 7.01: GRWERNI 9.01: OWCLASS		INCORR 1.1			.0	.0	5.6	.0	
6.03: MARKETI 7.01: GRWERAL 9.01: ONCLASS	N AGBICULTURAL TRAD	E & ECONO		.0		7.7	42.6		•
9.01: GRWERKI		7.0	BIC DEVELO	PHENT	-0			5.8	•
> 7.01: GREERAL	ING & COMPRESSION		•0	.0	.0	7.0	3.7	.0	•
9.01: OWCLASS	LL RESOURCE OR TECHN	18.7 OLOGY	20.8	•0	.0	39.5	68.5	1.8	•
		51.7	•0	•0	.0	51.7	128.0	3.3	•
IND TOTAL	,31.230	.0 938.6	.0 38.6	.0	.0 223.4	.0 1200.6	59.2 2311.2	.0 129.7	3. 22.

O B TO

		APS	895	PC5/S#S	75	USDA TOTAL	SAES
BP 1.01:	SOIL & LAND USE	23.6	3.2	.0	.0	26.7	88.4
BP 1.02:	WATER & WATERSHADS	25.6	1.4	•0	.0	26.9	34.6
RP 1.03:	BBCSBWILOR	•0	• 0	.0	.0	.0	6.6
8P 1.04:	BM4180888841 QUALITY	37.8	4.3	.0	.0	42.1	63.9
BP 1.05:	WENTERE SODIFICATION FOR	AGBICOLTU	BB 6 PORBS	.0	.0	.6	42.0
8P 1.06:	PISH & WILDLIPE	.0	.0	.0	.0	.0	15.5
RP 1.07:	BREOTH SENSING	.0	-0	.0	.0	.0	1.3
BP 2.01:	INTENTORY & APPRAISAL OF	FOREST BE	SOURCES	.0	8.0	8.0	4.6
BP 2.02;	TIBBBB HAVAGENEUT	.0	.0	.0	50.3	50. 3	32.6
BP 2.03:	FOREST PROTECTION	.0	.0	.0	44.3	44.3	12.2
BP 2.04:	BABVESTING PROCESSING &	.0	OF POREST	PRODUCTS	111.6	111.6	22.3
RP 2.05:	POPEST WATERSBEDS, SOILS	, POLLUTIO .0	. o	.0	16.2	16.2	7.7
89 2.06:	AOBSEL STRUCK ALFORTAGE &	.0 0.	BO TATIBAN O.	.0 A RFO G H B R L	4.9	4.9	3.6
BP 2.07:	POREST BECREATION & 1897.	HBTICS & O	TH LANDSCA	PB VALUES	3.0	3-0	7.1
BP 2.08:	ALTERNATE USES OF LASD	•0	•0	•0	7.3	7.3	3.2
BP 2.09:	TECHINICAL ASSISTANCE	.0	.0	.0	.0	.0	. 1
BP 3.01:	СОВИ	61.0	•2	.0	.0	61.2	90.2
RP 3.02:	GRAIN SORGHUM	10.2	.1	.0	.0	10.3	24.8
RP 3.03:	HUBAT	49.5	. 2	.0	.0	49.7	65.3
EP 3.04:	SEALL GEALES OTHER THAN	BEBAT 20.0	-1	•0	.0	20.1	28.9
RP 3.05:	BICB	2.0	.1	.0	-0	2.1	3.2
RP 3.06:	SOYBEARS	55.0	.0	.0	.0	55.0	73.7
RP 3.07:	PERROTS	.1	.0	.0	•0	.1	.0
RP 3.08:	SOGAB	4.0	.0	.0	.0	4.0	5.8
BP 3.09:	FORIGE, BANGE, & PISTORB	23.6	.1	.0	.0	23.7	72.1
RP 3.10:	COTTON	.0	.0	-0	.0	-0	4.6
RP 3.11:	TOBACCO	•0	.0	.0	.0	.0	1.5
RP 3.12:	BER CROPS & MINOR OILSER		.0	•0	.0	18.7	14.5
PP 3.13:	PROTT	8. 1	•0	•0	.0	8.1	50.6
RP 3.14:	TEGETABLE CHOPS	12.4	.0	.0	.0	12.4	78.4
PP 3.15:	PLANTS TO SHEANCE THE BE		.0	•0	.0	10.7	42.3
BP 3.16;	BEBS & OTSER POLLIFATING		.0	.0	.0	4,2	9.7
BP 4.01:	BESP	32.2	1.2	.0	.0	33.4	84.0
BP 4.02:	DAIRT	18.8	.0	.0	.0	18.8	96.3
BP 4.03:	POGLTRY	20.7	.0	.0	.0	20.7	51.5
EP 4.04;	SBBBP	6.9	.0	.0	.0	8.9	21.7
				••	••	0.9	414/

		ARS	BRS	FC5/SRS	PS	TOTAL	SARS	OTH COOP INSTS
gp 4.05;	SVINE	19.5	.0	-0	.0	19.5	75.8	2.3
2P 4.06:	OTHES ANIMALS (ROSSES,	GONTS, PETS 2.0	. LABORAT	COBY, BIC.)	.0	2.0	17. 1	.0
gp 4.07:	AQUATIC POOD 6 PEROSTOR	PS .0	.0	.0	.0	•0	4.0	•0
BP 5.01:	POOD & HUTRITION	14.2	.0	.0	.0	14.2	48.0	11.6
gp 5.02:	POOD SAPETY	43.9	.0	• 0	•0	43.9	28.0	.0
gp 5.03:	BORAL DEARTONEMA & ONF	LITY OF FAM.	7LT LIVII 1.2	.0	.0	1.3	94.1	. 2
8P 5.04:	INSECTS APPECTING MAN 6	OKOTAR SIR	.0	.0	.0	.0	7.3	.0
gp 5.05:	BESEARCH ON ADMINISTRAT	ION OF RESE.	.0	.0	.0	.0	2.7	.0
BP 6.01:	PARS ADJUSTMENT, PRICES	& INCOME 3.4	5.2	.0	-0	0.6	46.5	.0
RP 6.02:	PORBIGH AGRICULTURAL TR	AOB & BCONO	NIC DEVE	O. THENTO	.0	1.4	15.7	.0
#P 6.03:	SPEKELING & CORDELITION	6.1	10.3	1.4	.0	17.8	44.4	.0
EP 7.01;	GRARBAL BRSOUACE OF TRO	60.6	.0	•0	.0	60.6	174.6	.0
BP 9.01:	UNCLISSIPTED	-0	_0	.0	.0	.0	38.2	.0
GRIND TOP	AL	598.9	27.6	1.4	245.6	073.5	1726.3	17.3

RESELECE	PROGRAM SUMMAPT							
		185	285	PCS/SRS	P5	OSOA TOTAL	9185	OTH COOL
BP 1.01:	SOIL & LAND DSE	40.6	1.1	.0	.0	41.6	76.2	
9P 1.02:	PATER & BATERSHEDS	66.3	2.1	.0	1.1	69.5	53.3	• (
BP 1.03:	RECEBRTION	-0	.0	.0	.0	.0	6.4	•(
RP 1.04:	REVIRORBENTAL QUALITY	39.5	3,9	.0	-0	38.4	72.4	. (
BP 1.05:	BEATHER HODIPICATION POR	AGRICULTUS 2.9	B & PORBS	TRY . 0	.0	2.9	16.6	.(
EP 1.06;	PISH & BILOLIPB	.7	.0	.0	.0	.7	12.0	. (
EP 1.07;	BEBOTE SESSING	.6	.0	•0	.0	. 6	1.8	.(
EP 2-01:	INVESTORY & APPRAISAL OF	POREST 883	008685	.0	29.6	29.6	9.0	•(
EP 2.02:	TIMBER SANAGEMENT	.0	.0	.0	61.0	61.0	14.7	.0
BP 2.03:	POREST PROTECTION	.0	.0	.0	112.6	112.6	19.2	•
SP 2.09:	Blavesting paocessing & H	ABERTING C	P POREST				20.9	
RP 2.05:	POREST PATERSBEDS, SOILS,				28.4	28.4		• (
BP 2.06:	POREST BANGE WILDLIFE & P				77.0	77.0	7, 1	•0
BP 2.07:	POREST RECEBBILION & ABSTH	.0 PTICS & OT	A LYBORCY O		43.2	43.2	6.2	•(
RP 2.09:	ALTERNATE USES OF LAND	.0	• 0	.0	6.8	6.8	5.7	• (
RP 2.09:	TROUINICAL ASSISTANCE	.0	.0	-0	10.6	10.6	1. 4	- (
RP 3.01:	COBN	.0	-0	.0	.0	.0	. 1	.(
RP 3.02:	GRAIN SONGHUN	•7	.0	.0	.0	.7	9.8	- (
2P 3.03:	BOBAT	•0	•0	•0	.0	•0	3.7	•0
BP 3.09:	SSALL GRAINS OTHER THAN W	27.7	.0	+0	.0	27.7	42.3	-0
		5.8	.0	•0	.0	5.8	24.1	•0
BP 3.05;	BICE	1,5	.0	-0	.0	1.5	4.0	. (
BP 3.06:	30788145	.7	• 0	.0	.0	.7	8.8	• 1
RP 3.07:	PEANOTS	.0	.0	.0	.0	٠.۵	.5	.0
BP 3.08:	SOCAB	21.2	.0	.ò	.0	21,2	12.7	-0
RP 3.09:	PORIGE, BANGE, 6 PASTORE	62.1	.0	.0	.0	62.1	106.0	.0
RP 3.10:	COTTON	35.4	.0	.0	.0	35.4	35.9	•0
RP 3.11:	TOBACCO	.0	.0	.0	.0	.0	.7	.0
BP J. 12:	MEN CROPS & MINOR OILSEED	s 11.J	•0	.0	.0	11.3	14.8	.0
RP 3.13:	PROIT	64.6	.0	.0	.0	64.6	149.2	.0
RP 3, 14:	PEGETABLE CROPS	47.6	.0	.0	.0	47.6	127.7	• (
%P 3.15;	PLANTS TO ENGLUCE THE ENG	IROUMBNT 5.4	.0	.0	-0	5.4	46. 4	
BP 3.16:	BEES & OTHER POLLIPATIES	INSECTS 15.0	.0	.0	.0	15.0	8.5	•0
BP 4.01:	BEEP	11.7	1.2	.0	.0	12.9	101.6	. (
BP 4.02:	DAIRY	3.6	.0	.0	.0	3.6	32. 1	. (
EP 4.03:	POULTRY	6.4	.0	.0	.0	6.4	34.4	.(
RP 4.04:	56289		-			•		

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	PROGRAM SUMMARY	SCIENTIST-	TRAES POI	s PX 1977		(	PRIMART		
		185	889	PCS/SBS	PS	USDA TOTAL	SABS	OTE COOP	PORES
RP 4.05:	SMIRE	.2	•0	.0	.0	. 2	5.5	.0	
BP 4.06:	OTHER ANIMALS (HORSES, G	OATS, PBTS	, LABORAT	rost, ETC.)	.0	5.9	9.3	.0	
8P 4.07:	AQUATIC POOD & PREDSTUPP		.0	•0	.0	.0	8.9	.0	
BP 5.01;	MOITISTON & GOOT	19.9	.0	.0	.0	19.9	54.9	.0	
3P 5_02;	FOOD SAPETY	14,8	.0	•0	.0	14.6	34. 1	.0	
BP 5.03;	BUBAL DEVELOPMENT & QUAL				.0	.5	51.6	.0	
8P 5.04:	INSECTS APPECTING HAN 6	HIS BELOW							
RP 5.05:	RESBARCH ON ADMINISTRATI	2.0 ON OF RESE	PARCH	.0	•0	2.0	13.8	.0	
RP 6.01:	PARM ADJUSTMENT, PRICES	.0 SINCONE	.0	.0	•0	.0	2.5	•0	
EP 6-02:	PORBIGH AGRICULTURAL TRA	.0	3.4	.0	-0	3.4	22-4	.0	
		17.8	.0	.0	.0	17.8	5. 1	.0	
2P 6.03;	MARKETING & COMPETITION	4.5	4.6	.0	.0	9.1	33.3	.0	
89 7.01:	GENERAL RESOURCE OF TECH	29.8 29.8	.0	.0	.0	29.8	195.9	.0	
RP 9.01:	GYCLASSIPIED	.0	.0	.0	-0	.0	4.7	.0	
GRAND TOT	77	592.9	16.2	••	370.3	979.4	1557.6	.3	12

BESEARCH PROGRAM SUMMARY							
	APS	893	PCS/SBS	PS	USDA Total	Sies	OTH COOP
BP 3.06: SOTOBLUS	.1	.0	•0	-0	.1	.0	. 0
GRAND TOTAL	.1	.0	.0	-0	.1	.0	.0

(PRINARY)

STATE SUBBARY OF SCIENTIST-YEARS FOR PF 1977

TABLE V-B STATE SCHULBT OF S	CIRRTIST -	teles Po	R Pt 1977		(E	BIHERY	
SESEARCH PROGRAM SOMMERY							
	ARS	B#5	FC5/58\$	FS	GSOA Total	SAES	2002 870 272kI
SP 1.02: WATER & WATERSORDS	.0	.0	.0	.0	.0	.0	.0
RF 3.06: SOYBBANS	.0	.0	.0	.0	.0	.0	.0
BP 3.09: PORAGE, RANGE, 6 PASTORE	.1	.0	.0	.0	.1	.0	.0
RP 3.10: COTTOF	.0	-0	.0	.0	.0	•0	.0
AP 7.01: CENERAL RESOURCE OF TECHS	.0	.0	.0	-0	•0	.0	.0
GRAND TOTAL	.1	.0	.0	.0	.1	.0	-0

TABLE	'-B	STATE SUBBARS	OF SC	IBNTIST-IBA	BS PO	R FY 1977		f.	PRIBARY)	
RESEARCH	<b>PROGRIB</b>	SUBBART								
				ARS	285	PC\$/38S	FS	OS DA FOTAL	SABS	OTH COOP
RP 6.02:	PORBIG	B AGBICULTOBAL	T8108	e sconcato	DBVE:	TEEFOO	.0	1.0	.0	.0
GRIND TO	AL			1.0	.0	.0	.0	1.0	.0	.0

TABLE V-B	STATE SUMMART O	P SCIBNTIST-	781RS 20	FT 1977		(8	BIBLET)	
RESEARCH PROGRA	N SOUMABL							
		185	285	PCS/SBS	75	LOEU	SAZS	OTH COOP

		PROGRIM SUMMARY			
K	SEARCE	SEAGRED SOURES			
			las	825	PCS/SBS
8 6	2.03;	POREST PROTECTION	. 6	.0	.0
a P	3.03:	PHEAT	.3	.0	.0
P	3.04:	SHALL GRAINS OTHER	TRAN NURAT	.0	.0
9	7.01:	GEFERAL RESOURCE O	R TECHNOLOGY	.0	.0
GR	AND TO	TAL	2.0	.0	.0

TABLE T-8 STATE SUMBARY OF SCIENTIST-YEARS FOR PY 1977

TABLE Y-8 STATE SUBBLET OF SCIENTIST-TRAPS FOR PT 1977

ARS ERS PCS/SRS

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ARS | BRS | PCS/985

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RBS PCS/SRS

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STATE SONBARY OF SCIENTIST-TRADE FOR PT 1977

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RESEARCH PROGRAM SUNBARY

EP 1.02: WATER & WATERSHEDS

BESELECH PROGRAM SUMMARY

BP 3.08: SUGAR

GRADO TOTAL

TABLE T-8

GRAND TOTAL

RESEARCH PROGRAM SUMMANT

RP 2.03: FOREST PROTECTION

GRAND TOTAL

EP 3.09: PORAGE, RANGE, & PASTURE

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USDA OTH COOP PORES
FS TOTAL SARS INSTS SCHO

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USDA OTH COOP FORES TS TOTAL SAES INSTS ECHO

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(PRIMART) rs Total OTH COOP FORMS 1.0 -0 1.0 -0

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						OSDA	
RP 4.Q1: BEBP		282	B83	PCS/SRS	75	TOTAL	5185
		.7	.0	•0	.0	.7	.0
RP 4.02: DAIRY		.4	•0	.0	.0	.4	_0
GRIND TOTAL		1, 1	.0	• 0	-0	1. 1	.0
faolb V-b Besearch Progra	STATE SOMMART O	P SCIBBIIST-	TB185 PO	B FT 1977		(	PRISARY)
		ABS	223	PCS/595	TS	USDA Total	3183
9P 3, 13: PPUIT		.3	• 0	•0	.0	. 3	
RP 6.02: POBSI	GN AGRICOLTORAL T	BADE & ECONO	BIC DEVE	LOPMENT			-0
SPAND TOTAL		1.7 2.0	•0	.0	.0 .0	1.7 2.0	.0
rlelb V-0 Beszarcz progra	STATE SUBMART C				<b>2</b> 9	05D <b>4</b>	
BESEARCE PROGES		LRS	RRS HIC DEVE	PCS/SRS Lopheyt	PS.	OSDA TOTAL	9188
BESEARCE PROGES	n 204HYB1	LRS	RES	PCS/SBS	F3 .0	05D <b>4</b>	9138
BESEARCE PROGRA	n 204HYB1	LRS FRADE & ECOVO	RRS BIC DEVE	PCS/SRS Lopert .0	.0	OSDA TOTAL	PRIHĀRY) Sabs .0 -0
BESEARCE PROGRA	B SOMMART  GW AGRICULTURAL 1  STATE SUMMARI (	LES PRIDE & ECOYO -4 -4 -7	RES HIC DEVE .0	PCS/SBS LOPHENT .0 .0	.0	OSDA TOTAL .4 .4	9333 -0 -0
RESEARCH PROGRA	STATE SUMMARY	LES PRADE & ECOMO .4 .4	RES HIC DEVE .0	PCS/SBS LOPHENT .0 .0	.0	OSDA TOTAL .4 .4	9138
RESEARCH PROGRA  TABLE V-B RESEARCH PROGRA  .  RP 3.02: GRAIN	STATE SONNABI ( IN SUNNABY	LES PRIDE & ECOSO 4 4 .4 .4 .4 .2	ERS HIC DETE: .0 .0	PCS/SBS LOPHENT .0 .0	.0	OSDA TOTAL .4 .4	9335 .0 .0
RESEARCH PROGRA  RP 6.02: FOREIG  GRAND TOTAL  TABLE V-B  RESEARCH PROGRA   RP 3.02: GRAIN	B SOMMARY  STATE SOMMARY  SOROHUM  GRAIPS OTHER THE	RESTRADE & ECOSO -4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	RES RES	PCS/SRS LOPMENT .0 .0 .0	.0 .0	OSDA TOTAL .4 .4	SARS
RESEARCH PROGRA  RP 6.02: FOREIG  GRAND TOTAL  TABLE V-B  RESEARCH PROGRA   RP 3.02: GRAIN	STATE SONNABI ( IN SUNNABY	RESTRADE & ECOSO -4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	TEASS POI	PCS/SBS LOPHENT .0 .0 .0	.0 .0	USDA TOTAL	O. O. PRIBLEY

TABLE V-B STATE SUBBARY OF SCIE	BETIST-Y	BABS POE	PY 1977			(beimpsk)		
RESPARCE PROGRAM SUMMERT					4120		OTH COOP	PODY
	ARS	BRS	FCS/5 RS	PS	TOTAL	SAES	INSTS	SCE
RP 1.02: WATER 6 WATERSHEDS	6 - 1	.0	.0	.0	6.1	.0	-0	
GRAND TOTAL	6.1	.0	•0	.0	6.1	.0	-0	
TIBLE V-B STATE SUMMARY OF SCIE	BTIST-Y	BARS POE	PY 1977			(PRINARY)		
RESEARCH PRODRAW SOMMARY					USDA		OTE COOP	PARE
	ARS	BES	PCS/SRS	PS	TOTAL	SABS	INSTS	SCE
89 3.08: SOGAR	.0	.0	.0	.0	.0	.0	.0	
BP 4.05: 5818B	-0	.0	.0	.0	.0	.0	-0	
GEAND TOTAL	.0	.0	٠0	٠0	.0	•0	.0	
TABLE T-B STATE SUMMARY OF SCI	BHTIST-Y	BARS PO	R PY 1977			(PRIMART)		
RESHARCH PROCEAS SUSHARY								
	ARS	RRS	PCS/SBS	PS	USDA TOTAL	SABS	OTE COOP	SC!
RP 3-03: WHEAT	. 4	-0	.0	.0	.4	.0	.0	
BP 3.05: RICB						.0	.0	
RP 3.06; SOTABANS	. 9	.0	.0	. •0	.4			
	. 4	-0	.0	.0	.4	•0	.0	
RP 3.07: PRANUTS	. 9	.0	.0	-0	-4	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	. 4	-0	-0	•0	.4	-0	.0	
BP 3.12: WEW CROPS & MIMOR OILSEBDS	1.7	.0	.0	٠0	1.7	.0	-0	
GRAND TOTAL	3.5	. •0	•0	.0	3,5	.0	.0	
TABLE V-B STATE SUMMARY OF SCI RESEARCE PROGRAM SUMMARY	Brt:St-1	fbars fo	B pr 1977			(PRIBART)	·	
	ABS	225	PCS/SB9	78	USDA TOTAL	SARS	OTH COOP	FOR
RP 4.01: BERF			.0					
BP 4.02: DAIRY								
RP 5.03: RURAL DEVELOPMENT & QUALITY	1.7 OP PARS	.0 11.7 1187	.0	-0	1.7	.0	•0	1
MA 2-031 HORYT DEASTOLUBEL P CANTLL!						• 0		
GRAND TOTAL	7.3	••	.0	.0	4.3	.0	-0	

						PRIMARI		
RESTRICT PROGRES SUBSET	ARS	BAS	PC9/5B5	25	USDA TOTAL	SAES	078 C009 IMSTS	1
RP 3.12: NRW CROPS & MINOR OILSBEDS	4.8	.0	.0	.0	4.0	.0	.0	
8P 3.13: FB0IT	2.0	.0	•0	.0	2.0	.0	.0	

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8.4

15.3

EP 6.02: PORBIGE AGRICULTURAL TRADE 6 ECOHOMIC DEVELOPMENT
3.7 .0 .0 .0

.0 4.8 .0

3.7

15.3

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RP 3.14: YBORTABLE CBOPS

GRAND TOTAL

		-B STATE SUBMARY OF SC	IBHTIST -	TBARS POR	Pt 1977		(	Painart;		
BB	SEARCH	PROGRAM SUMMARY								
			ARS	885	PCS/SBS	PS	TOTAL H	F& HTABN CORN	STORES	POE
BP	1.01:	SOIL & LAND USE	.0	.0	.0	.0	.0	. 2	.6	
RP	1.02:	WATER & WATERSHEDS	.0	-0	.0	.0	-0	.8	.3	
RP	1.03:	RECSBATION	.0	.0	.0	.0	.0	•0	.8	
AP	1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	6.3	2.0	
RP	1.05:	BRATHER HODIPICATION POR AC	.O	RE & FORE	STRT .0	-0	-0	.0	.2	
Bb	2.01:	INVESTORY & APPRAISAL OF PO	DEEST RE	SOUBÇES	.0	.0	.0	.0	.0	
RP	2.02:	THEESPHAR SEGRIT	.0	.0	-0	.0	.0	. 4	.3	
RP	2.03:	POREST PROTECTION	.0	-0	.0	16.8	16.8	5.7	.0	
£P	2.04:	HABVESTING PROCESSING & MAI	RETING	OF FOREST	PRODUCTS	•0	.0	.0	. 2	
BP	2.05:	POREST WATERSHEDS, SOILS, I	POLLUTIO	. O	.0	•0	.0	.5	.8	
RP	2.07:	POREST RECEENTION & ABSTHE	11CS 6 0	TH LANDSC	APR VALUES	1.2	1-2	.0	.0	
88	2.08:	ALTERNATE USES OF LAND	.0	.0	•0	•0	.0	.0	.1	
8P	3.01:	COBN	.0	.0	.0	•0	.0	1.7	. 4	
29	3.06:	SOTBEAKS	-0	.0	.0	.0	.0	2.2	.0	
аР	3.09:	PODAGR, HANGE, 6 PASTORS	.0	.0	.0	.0	.0	.0	.1	
82	3.11:	товассо	.0	.0	.0	.0	.0	4.3	.0	
BP	3. 12:	MEN CHOPS & MINOR OILSBEDS	.0	•0	•0	.0	.0	.1	•0	
80	3. 13:	PRUIT	•0	.0	•0	.0	.0	4.0	.0	
RP	3.14:	VEGETABLE CROPS	.0	.0	•0	•0	.0	5.8	1.0	

RP	2.07:	POREST RECEENTION & AESTHETIC	870 3 8 0.	LANDSCAPE .O	VALUES .0	1.2	1-2	.0	.0	
BP	2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	•1	
8P	3.01:	сови	.0	.0	.0	•0	.0	1.7	. 4	
29	3.06:	SOTBEAKS	-0	.0	.0	.0	.0	2.2	.0	
ар	3.09:	PORAGR, HANGE, 6 PASTORE	.0	.0	.0	•0	.0	.0	.1	
82	3.11:	T083CC0	.0	.0	.0	•0	.0	4.3	.0	
82	3. 12:	NEW CROPS 6 MINOR OILSBEDS	- 0	.0	.0	.0	.0	. 1	.0	
86	3. 13:		•0	.0	.0	.0	.0	4.0	.0	,
RP	3.19:	VEGETABLE CROPS	.0	.0	•0	•0	.0	5.8	1.0	
RP	3. 15:	PLANTS TO ENHANCE THE BRYIRON	# B # T • O	.0	-0	.0	.0	1.9	1.0	
BB	3. 16:	BRES & OTHER POLLINATING INSE	CTS - 0	•0	.0	.0	.0	.0	. 1	
RP	9.01:	DBBF	-0	.0	.0	.0	•0	.0	.7	

BP 4.02: DAIRY .0 .0 .0 .0 .0 .0 .8 RP 4.03: POULTRY -0 -0 .0 .0 40 5.6 RP 4.04: SHEEP .0 .0 .0 .0 .0 .0 .6 RP 9.05: SWINE . 0 .0 -0 .0 . 4 .0 . 0

RP 4.06: OTHER ANIMALS (BORSES, GOATS, PETS, LABORATORY, ETC.) .0 .0 .7 5.8 RP 4.07: AQUATIC POOD & PREDSTUPPS .0 .0 .0 .0 . 0 . 0 . 2 RP 5.01: POOD & NUTRITION .0 .0 .0 . 4 .0 .0 1.1 RP 5.02: POOD SAFRTY .0 .0 .0 .0 .0 .0 . 1 SP 5-03: SORAL DEVELOPMENT 6 QUALITY OF PAGILY LIVING .0 .0 .0

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BP 5.04: INSECTS APPECTING NAM 6 HIS BELONGINGS

RP 6.01: PABH ADJUSTMENT, PRICES & INCOME .0

RF 7.01: GENERAL BESOURCE OR TECHNOLOGY

BP 6.03: BARKETING & COMPETITION

BP 9.01: UNCLASSIPIED

GRAND TOTAL

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BP 2.06: FOREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

RP 1.06: FISH 6 WILDLIPS

RP 3.02: GRAIN SORGBOR

BP 3.14: VEGETABLE CROPS

RP 3.01: COBN

RP 3.03: RBEAT

EP 4.01: BEEP

RP 4.02: DATRE

RP 4.03: POOLTER

BP 3.06: SOTBEARS

EP 2.03: POREST PROTECTION

BP 2.08: ALTREVATE OSES OF LAND

BP 3.09: PORIGE, RANGE, & PASTURE

RP 3.15: PLANTS TO MERNICE THE ENTIRONSENT

BP 3-16: BEES 6 OTHER POLLIMATING INSECTS

SP 4.07: AQUATIC POOD & PERDSTOPPS

BP 5.01: POGD & WGTHITION

## STATE SUMMARY OF SCIENTIST-FRARS FOR PF 1977

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			) bs	205	PCS/SB3	75	USDA TOTAL	Sars	OTH COOK
3P 1	.01;	SOIL 6 LAND OSB	•0	•0	.0	.0	.0	.6	.0
22 1	1.02:	SATES & WATERSBEDS							

		752	203	PCS/SB3	PS	TOTAL	SIRS
BP 1.0	Ol: SOIL 6 LAND OSE	•0	.0	.0	.0	.0	.6
By 1.6	D2: WATER & WATERSHEDS	.0	.0	.0	.0	•0	• 8
BP 1.0	03: ABCHRATION	.0	•0	.0	.0	.0	.6

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			482	203	103/383	Fo
P	1.01:	SOIL 6 LAND OSE	•0	•0	.0	.0
12	1.02:	TATES & WATERSBEDS	•0	.0	.0	.0
P	1.03:	BECERATION	.0	.0	.0	.0
P	1.04;	ESTIBOURESTAL QUALITY	•0	.0	.0	.0

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RP 9-D6: OTHER ABIBALS (HORSES, GOATS, PRIS, LABORATORY, BTC.)

BP 5.03: ROBAL DEVELOPMENT & QUALITY OF PARILY LIVING

BP 5.04: INSECTS APPROTING HAN 6 HIS BELONGINGS

BP 6.01: PARS ADJUSTMENT, PRICES & INCOME

SP 7.01: GREERAL BESOURCE OR TECHNOLOGY 5.0

RP 6.03: BARKETING & COMPETITION

BP 9.01: UBCLASSIPIED

OBAND TOTAL

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ARS BBS PCS/SAS PS TOTAL SAPS INSTS SC

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1.01: SOIL & LAND USB

1.02:	WATER & WATERSHEDS	.0	3.9	.0	.0	3, 9	.0	.0
1.03:	SECREATION	.0	.0 .	. 0	.0	.0	. 3	.0
1.04:	BRAIBONBENITT GOTTILA	.0	9.0	.0	. 0	9.0	.0	.0
3.01:	COBM	.0	.1	. 0	.0	.1	.0	.0
3.02:	CELIS SORGEDM	.0	.0	.0	.0	.0	.0	-0
3.03:	риват	•0	• 1	.0	. 0	.1	.0	.0
3.04:	SHALL GRAIRS OTHER THAN	WHEAT .0	.1	.0	.0	. 1	. 0	.0
3.05;	BICB	.0	.0	.0	.0	. 0	• 0	.0
3.06:	SOTBEANS	.0	.5	.0	.0	.5	.0	.0
3. 10:	COTTOR	.0	1.4	.0	.0	1.4	.0	.0
3, 15:	PLANTS TO BEHANCE THE BE	VIBORNENT 8.8	.0	.0	.0	8.8	.0	.0
4.01:	DESF	.0	.0	.0	.0	.0	.0	.0
9.03:	POULTRY	•0	.0	.0	-0	.0	.0	-0
4.041	SHEEP	.0	.0	.0	.0	-0	.0	-0
5.01:	POOD 8 NOTRITION	.0	11.5	.0	.0	11.5	.2	.0
5-03:	BUBAL DRYBLOPHENT 6 GOAL	LITY OF PAR	ILY LIVING	.0	.0	43.6	.0	.0
6-01:	PARM ADJUSTEBET, PRICES	e IRCOME	59.1	• 0	.0	59. 1	.0	.0
6.02:	PORBIGN AGRICULTURAL TRA	DE & BCONG	80.7	TK349	-0	80.7	.0	.0
6.03:	HARRETING & COMPETITION	-0	141.9	19.7	.0	161.6	. 2	.0
ND TOT		8.8	364.7	19.7	.0	393.2	.6	.0

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RP	1.03:	BECREATION	.0	.0	-0	.0	.0	1.0
RP	1.04:	ERAIRORERATT CONTILL	.0	.0	•0	.0	-0	1. 3
RP	1.05:	WEATHER MODIFICATION POR	S SECTIONS 8	POBESTRY	٠0	.0	-0	.4
BP	1.06:	PISR 6 WILDLIFE	.0	.0	. 0	.0	.0	2.5
BP	1.07:	BENOTE SENSING	.0	.0	.0	.0	.0	. 1

STATE SCHOLDS OF SCIENTIST-VEARS FOR PY 1977

			• •		. •
RP	1.05:	WEATHER MODIFICATION POR		POBBSTRY	.0
BÞ	1.06:	PISR 6 WILDLIFE	.0	.0	.0
BP	1.07:	BEHOLE SENSING	.0	.0	.0
RP	2-01:	INVENTORY & APPRAISAL OF	FOREST RESOUR	. 0	.0
8.2	2.021	TIBBER HEREGENERT	_	_	_

RP 2.04: RAPPESTING PROCESSING & MARKETING OF POREST PRODUCTS

AP 2.06: FOREST RANGE BILDLIPE & PISHERIES HABITAT DEVELOPMENT .0 .0 .0

BP 2.05; POREST WATERSHEDS, SOILS, POLLDTION

RP 3.04: SHALL GRAINS OFFER THAN SHEAT

RP 3.09: PORAGE, BINGE, & PASTORE

BP 4.07: AQUATIC POOD & FEEDSTOFFS

BP 5.01: FOOD & HOTRITION

BP 5.02: FOOD SAPETS

RP 9.01: UNCLASSIFIED

GRAND TOTAL

RP 3.12: NEW CHOPS 6 HINOR GILSBEDS

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EP 4.06: OTHER ANIHALS (BORSES, GOATS, PRES, LABORATORY, BPC.)

RP 5.03: BORAL DEVBLOPARMY & QUALITY OF PARILY LIVING

RP 5.04: INSECTS APPRICTING MAN & HIS OBLOWGINGS

RP 6.01: FARM ADJUSTMENT, PRICES & INCOME

EP 7.01: GENERAL BESOURCE OF TECHNOLOGY

RP 6.03: MARKETING & COMPSTITION

TABLE Y-B

SP 2.03; POREST PROTECTION

SP 2.08: ALTERNATE USES OF LAND

RP 3.01: COB#

EP 3.03: PHEAT

RP 3.13: PROIT

BP 4.02: DAIBT

RP 4.03: POOLTRY

8P 4.09: SUBEP

BP 3.14: TROSTABLE CROPS

	-B STATE SUBBARY OF SC.	(BNTIST-F	BABS POR	PT 1977		(	PRIMART		B1
		ARS	888	PCS/S9S	PS	USDA TOTAL	SABS	OTR COOP	FORESTE: SCHOOL:
1.01:	SOIL & LAND USB	2.4	.0	.0	.0	2.4	2.0	.3	•1
1.02;	WATER 6 WATERSHEDS	8.0	.0	.0	.0	8.0	.5	•0	.4
1.03;	ARCHBATION	.0	.0	.0	.0	.0	.1	.0	•1
1.04:	BEFIROWHERTAL QUALITY	31.8	.0	.0	.0	31.6	4.0	.4	• •
1.06:	SISH & MITOTISE	.0	.0	•0	.0	.0	.6	.0	• (
1.07:	REMOTE SERSING	.9	.0	.0	.0	.9	.0	.0	.(
2,02;	TISSER BANAGEBERT	.0	-0	.0	4.0				
2.03:	POREST PROTECTION					4.0	.5	.0	. (
2.04:	SARVESTING PROCESSING & MAI				.0	2.3	- 6	.0	•(
2.051	POREST WATERSHEDS, SOILS, 6	.0 MOITUJIO	-0	.0	. 0	.0	1.0	•0	•(
2.07:	POBEST RECREATION & ABSTER	.0 (ICS & Of)	.0 K LAWDSCI	.0 APR VALUES	•0	•0	1.1	•0	•(
3.01:	CORN	.0	.0	.0	.0	-0	.0	.0	•(
3.02:	GRAIN SORGRUN	5.0	.0	•0	•0	5.0	2.5	.0	•0
3.03:	WHBAT	.2	•0	•0	•0	. 2	.0	•0	•0
		6.2	.0	.0	.0	6.2	.8	.0	.0
3.04:	SHALL GRAINS OTHER THAN WHE	2.1	.0	•0	.0	2.1	. 4	•0	•0
3.05:	BICE	.6	• 0	.0	.0	.6	-0	•0	-0
3.05:	Soyerans	11.6	.0	•0	.0	11.6	2.7	.8	•0
3.08:	SUCAR	3.0	.0	.0	.0	3.0	.0	.0	•0
3.09;	PORAGR, RANGE, & PASTURE	8.5	.0	.0	.0	8.5	2.4	.0	.(
3. 10:	COTION	3.0	.0	-0	.0	3.0	. 2	•0	-0
3. 11:	TOBACCO	9.8	.0	.0	.0	9.0	2.9	.0	.0
3. 12:	MEN CHOOS & MINOR OILSEEDS	7.3	-0	.0	.0	7.3	. 2	.0	.0
3. 13:	PRUIT	20.4	.0	•0	.0	20.4	3. 9	.0	.0
3. 14:	VEGETABLE CROPS	26.1	.0	.0	.0	26.1	6.2	.0	.0
3. 15;	PLANTS TO RUBANCE THE ENVIS	16.1	.0	.0	.0	16.1	2.1	.0	•0
3. 16;	BEES & OTHER POLLIMATING IS	SECTS	.0	.0	.0	4-0	.3		•0
4.01:	BEEF	16.2	•0	.0	.0	16.2	3. 1	.0	.0
9.02:	DAIRY	34.8	•0	.0	.0	34.8	6.2	.0	•0
4.03:	POULTRY	16.2	.0	.0	.0	16.2	8.0		.0
4.04:	SREEL	7.9	.0	.0	.0	7.9	.2	.0	• (
4.05:	SWINE	14.0	.0	.0	.0	14.0	.7	.0	• (
4-061	OTHER ANIHALS (BORSES, GOAT	S, PETS,	LABORATO	RT, BTC.)					
4.07:	AQUATIC POOD & FREDSTOFFS	4.0	.0	.0	.0	4.0	2.9		. (
5.01:	FOOD & NOTBITION	.1	•0	.0	.0	•1	1. 6		٠(
	FOOD SAFETY	83.0	.0	.0	.0	83.0	.6	.5	. (

5.02: FOOD SAFETY

5.02: FOOD SAFETY
13.4 .0 .0 .0
5.03: EURAL DEVELOPMENT & QUALITY OF PARILY LIVING
5.8 .0 .0 .0

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TABLE T-S STATE SOUBLRY OF SCIENTIST-TRARS FOR PY 1977

(PRIBLET)

RESERVE PROGREE SCREET

		185	829	PC9/383	75	TOTAL	9425	OTE COC
EP 5.04	INSECTS APPROTING NA			٥		4.4	1.2	
		4.4	.0	.0	.0	4.4	1.2	•
BP 6.01:	: PARE ADJOSTMENT, PRI	CBS 6 INCOMS 3.7	.0	.0	.0	3.7	1.0	4
B6 6.031	PORRIGH AUDICULTURAL	L TRADE & BCOVOL	are Deve	LOPABNT . O	-0	4.6	.7	
#P 6.03:	BARKETING & COMPETIT	710B 26.8	.0	.0	.0	26.8	2.7	
89 7.01;	GEFERAL BESOURCE OR	TBC810LOGT 119-2	.0	.0	.0	119.2	4.3	
#P 9.01	UNCLASSIPIED	.0	.0	.0	•0	•0	_4	
GRAND TO	OTAL .	523.4	.0	.0	4.0	527.4	72.6	3.

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OTHER ANIMALS (HORSES, GOATS, PRES, LABORATORY, ETC.)

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STATE SUSHARY OF SCIENTIST-YEARS POR PT 1977

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BP 2.06: POREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

BP 2.07: FOREST RECREATION & ABSTHETICS & OTH LANDSCAPE VALUES

SP 2.08: ALTERNATE USES OF LAND

BP 3.09: FORIGE, BANGE, 6 PASTORE

SP 3.12: HEW CHOPS & MINOR OILSBEDS

PLANTS TO ENGLECE THE ENVISONMENT

RP 5.03: BURAL DEVELOPMENT & QUALITY OF PANELY LIFTING

RP 5.04: IMSECTS APPRETING HAN 8 HIS BELONGINGS

9P 3.01: COBX

80 3. 13: PROIT

8P 4.01: BBEP

RP 3- 15:

BP 4-02:

RP 4.03:

RP 4.09:

BP 4.06:

RP 5.011

RP 5.02:

GRAND TOTAL

RP 3.19: VEGETABLE CROPS

DATES

PODITRY

SHERD

BP 4.07: AQUATIC FOOD & FEBDSTOFFS

FOOD & MOTRITION

FOOD SAPETY

BY 6.03: MARKETIEG & COMPETITION

BP 7.01: GENERAL RESOURCE OR TECHNOLOGY

TABLE Y-B

SESBARCE PROGRAM SUSHARI

STATE SUBSERY OF SCIENTIST-TEARS FOR FT 1977

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RP 1.011	SOIL 6 LAND USE	-0	1.0	.0	-0	1.0	2.3	.0
BP 1.02;	WATER & WATERSHEDS	.0	.0	.0	.0	.0	-0	.0
RP 1.03:	RECREATION	-0	.0	.0	.0	.0	-4	.0
RP 1.04;	ERALBOHHERAT OFFILL	.0	.0	.0	.0	.0	1.5	.0
RP 1.05:	FEATHER SODIFICATION POR	FCSICOTAO	. Q	PT .G	-0	.0	-2	•0
BP 1.07:	BEROTE SEESING	٠0	.0	.Q	-0	•0	.1	.0
EP 2.01:	INTENTORY & APPRAISAL OF	POREST RES	OURCES .0	.0	-0	-0	. 2	.0
RP 2.02:	TIROBE BANAGERRAT	•0	.0	•0	7.6	7.6	2.6	•0
RP 2.03:	POREST PROTECTION	.0	.0	.0	2.0	2.0	. 9	.0
RP 2.04:	BARYESTING PROCESSING &	BARRETING (		RODUCTS	.0	•0	. 8	.0
BP 2.05:	POREST PATERSHEDS, SOILS			.0	4.0	4.0	• 5	.0
BP 2.06:	POREST BANGE WILDLIPE &				.0	.0	.7	.0
3P 2.07:	POREST RECREATION 6 ABST				2.0	2.0	.0	.0
BP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.7	.0
RP 3.01:	CORN							
BP 3.06:	SOTBRANS	.0	•0	-0	.0	.0	1.0	.0
89 3.09;	PORLOB, RANGE, & PASTORS	.0	•0	-0	.0	•0	•3	.0
EP 3.131	PROIT	.0	- 0	.0	•0	•0	1-2	.0
2P 3.14:	VEGETABLE CROPS	.0	.0	• 4	.0	•0	. 6	.0
#P 3.15:	PLANTS TO ENGANCE THE RE	.0 FIROMENT	-0	•0	.0	•0	2.0	.0
aP 4.02:	DATRY	.0	.0	••	.0	•0	.4	.0
RP 4.03:	POULTBY	.0	•0	•0	•0	-0	1.9	.0
		.0	.0	.0	.0	.0	3.2	.0
BP 4.06:	OTHER ANIHALS (HORSES, G	.0	· O	.0	-0	.0	1.3	.0
SP 4.07:	AQUATIC FOOD & PREDSTOFF	3 .0	.0	-0	.0	-0	.0	.0
BP 5.01;	POOD 5 NUTBITION	.0	•0	.0	•0	.0	.6	-0
BP 5.02:	POOD SAPETT	-0	.0	.0	.0	.0	.6	.0
RP 5.03;	BORST DEAGTOMERA & ONFT	THY OF PART	.9	.0	•0	.9	1. 1	.0
RP 6.01:	PARM ADJUSTERST, PRICES	S INCOME .0	.4	-0	.0	.4	.1	.0
RP 6.03:	HARRETING & COMPRESSION	.0	.4	•0	•0	.4	.7	.0
EP 7.01:	GREERAL BRSOORCE OR THE	*O	-0	.0	.0	.0	2. 1	-0
GRAND TOT	AL	.0	2.7	.0	15-6	18.3	27.9	.0

RESEARCH	DECCES H	VOAMMIS

BESEARCH	PROGRAM SUMMARY	A 5	BRS	FC9/5RS	P5	USDA	5129	OTE COOP	808 SC
PP 1.01:	SOIL & LAND USB								50
RP 1.02:	WATER C WATERSHEDS	. 0	•0	•0	•0	.0	7.3	.0	
gP 1.03:	PECREATION	. 0	•0	•0	.0	.0	1. 9	•0	
BP 1.09:		.0	.0	•0	•0	.0	. 4	.0	
-	WEATHER MODIFICATION POR AGRIC	.0	.0	.0	.0	.0	10.8	.0	
gp 1.05;		.0	.0	.0	.0	.0	. 3	• 0	
RP 1.06:		. 0	.0	•0	.0	.0	1.5	•0	
gp 2.01:		ST RESOU	.0	•0	.0	- 0	. 1	.0	
RP 2.02:	TINBER DANAGERENT	. 0	.0	.0	1.1	1.1	.5	.0	
80 2.03:	PORRST PROTECTION	.0	.0	• 0	.0	.0	3.6	.0	
BP 2-05:	POREST WATERSHEDS, SOILS, POLI	LUTION .0	.0	•0	3.4	3.4	.4	.0	
EP 2.07;	POBBST RECREATION & AUSTHOTICS	6 OTH	LANDSC 0	APB VALUES	.0	.0	.5	.0	
89 2.08:	ALTERNATE USES OF LAND	. 0	-0	.0	.0	.0	1.6	.0	
BP 3.01:	CORM	. 0	.0	.0	.0	.0	.3	.0	
3,03;	VUBAT -	. 0	-0	.0	.0	.0	.0	.0	
gp 3.04:	SHALL CRAINS OTHER THAN WHEAT	. 0	.0	•0	•0	.0	.1	.0	
RP 3.06:	SOTDEARS	. 0	.0	.0	.0	.0	.3	.0	
BP 3.07:	PRANUTS	. 0	.0	.0	.0	.0	. 2	.0	
RP 3.09:	POBADE, BANGE, & PASTURE	.0	.0	.0	.0	.0	2,4	•0	
ap 3.10:	COTTON	. 0	.0	.0	.0	.0	.1	.0	
EP 3.12:	NEW CROPS & MINOR OILSREDS	.0	.0	.0	.0	.0	. 4	.0	
RP 3.13:	PROIT 3.		.0	.0	.0	3.3			
BP 3.14:	VEGETABLE CROPS						10.3	.0	
RP 3.15:	PLANTS TO BUHANCE THE BUTISONS		.0	•0	.0	.7	9.7	-0	
RP 4.01:	BRET	. 0	• 0	•0	.0	.0	5.7	.0	
8P 4.02;		. 0	.0	•0	-0	.0	.5	•0	
RP 4.03:		. 0	.0	.0	•0	.0	2.4	•0	
	•	. 0	.0	•0	.0	.0	3.7	•0	
RP 4.05:	•	.0	.0	.0	•0	.0	. 5	.0	
		PRTS, L	. O	.0	.0	.0	. 6	.0	
		.0	.0	.0	.0	.0	-1	-0	
		.0	1.0	•0	.0	1.0	6.0	-0	
		. 0	.0	.0	.0	.0	12.0	.0	
BP 5.03;	RUBAL DEVELOPMENT & QUALITY OF	P PANILY	-0	• 0	-0	_0	4.7	. •0	
BP 5,04:	INSECTS APPECTING DAN 6 HIS BE	O STORGING	.0	•0	٠.	.0	5. 1	٠0.	
mp 6.01:	PARM ADJUSTMENT, PRICES & INCO	ONB O	.0	.0	.0	.0	1. 2	•0	
RP 6.03:	MARKETING & COMPRTITION	.0	-0	.0	.0	.0	2.8	.0	
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	0	.0	.0	.0	.0	8.5	.0	

TABLE T-B STATE	9088ERT OF SCIENTIST-	TEARS FOR	PK 1977		(P	SIBTELL
essaircs process sonds	ART					
	185	RPS	PCS/583	75	USDA POTAL	SAES
BP 9.01: USCLASSIPIB	•0	.0	•0	.0	.0	2.3

4.0 1.0 .0 4.5

9.5

108.9

GRAND TOTAL

	7-B STATE SUNKART OF S PROGRAM SUMMART	SCIENTIST-18	AUS FOR	PY 1977			(PRIMARY)		1
		ABS	885	PCS/88S	PS	OS DA TOTAL	IZUYCY RBA AOBK	HEN TORK GENEVA	POREST
e 1.01:	SOIL & LAND OSE	5.2	.0	•0	. Đ	5.2	5.7	.2	
P 1.02:	WATER 6 WATERSHEDS	• 0	.0	.0	.0	.0	1. 2	•1	
P 1.03:	RECESTION	• 0	.0	.0	.0	.0	1.2	.0	
P 1.04:	ENVIRONMENTAL QUALITY	•0	-0	.0	.0	.0	13.5	1.0	
P 1.05:	WEATHER HODIPICATION POR				.0	.0	.0	. 9	•
P 1.06:	PISH & WILDLIPS		-0						
P 1-07:	BENOTE SENSING	.1		.0	•0	.1	3.0	.0	•
P 2.01:	INVESTORY & APPRAISAL OF			•0	-0	•0	-1	•0	
P 2.02;	TINDER HANAGERENT	•0	•0	•0	•0	.0	.0	•0	•
P 2.0J:	POR BST PROTECTION	•0	.0	•0	• 0	-0	1.4	.0	1.
P 2.04:	HARVESTING PROCESSING 5	.0 NARKETIKO OF	-0 POREST	.0 PRODUCTS	.0	.0	. 1	.0	3,
P 2.05:	POREST WATERSHEDS, SOILS	•0	.0	.0	- 0	.0	•2	•0	9.
		.0	.0	.0	• 0	.0	.1	.0	1.
P 2.06;	POREST RANGE WILDLIFE & 1	•0	• 0	•0	•0	.0	.5	•0	2.
P 2.07:	PORBST RECREATION & ABST	BTICS & OTH	.O	APB VALUES	1.8	1.8	1.3	-0	•
P 2.00:	ALTERNATE USES OF LAND	•0	• 0	•0	-0	.0	. 2	-0	
P 2.09:	TECHINICAL ASSISTANCE	•0	.0	.0	.0	.0	.0	•0	
9 3.011	CORM	•0	• 0	-0	•0	-0	6.0	.0	
P 3.03:	WHEAT	.0	•0	-0	•0	.0	. 8	.0	
P 3.04:	SHALL GRAINS OTHER THAN	HBAT 1.0	.0	• 0	•0	1.0	.6	.1	
e 3.05;	BICE	-0	.0	•0	.0	-0	.0	.0	
P 3.06:	SOTEBANS	2.1	•0	.0	•0	2. 1	1.1	-1	
P 3.09:	PORAGR, RANDE, & PASTURE	4.3	.0	•0	.0	4.3	6.1	.3	
P 3.10;	COTTON	• 0	-0	•0	.0	.0	.0	•0	
P 3.11;	TOBACCO	.8	.0	•0	•0	. 8	.0	.0	
P 3.12:	NEW CROPS & MINOR OILSER	os							
P 3.13:	PRULT	.0	.0	.0	.0	•0	•1	.5	
P 3.14:	VEGETABLE CHOPS	.3	•0	•0	•0	. 3	7-3	36,1	•
P 3.15:	PLANTS TO ENHANCE THE BK	2.0 VIBOWNBWT	, 0	.0	.0	2.0	16.5	20.2	•
P 3.16:		.3	.0	•0	•0	.3	5.2	1.2	•
P 4.01:	BERP	.0	• 0	.0	•0	•0	1.3	.0	•
P 4-02:	DAIRY	15.1	.0	.0	-0	15.1	5.0	. 0	•
		10.3	.0	-0	-0	10.3	24.1	.0	
P 4.03:	POULTRI	1.5	.0	.0	.0	1.5	11.3	.0	•
P 4.04:	S#8#P	3.2	•0	.0	-0	3.2	9.8	.0	
P 4.051	SHINB	7.4	.0	•0	•0	7.4	4.2	-0	
P 4.06:	OTHER BRINGLS (HORSES, GO	olts, pris,	LABORAT . 0	ORY, ETC.)	• 0	- 6	16.8	.0	
P 4.07:	AQUATIC POOD & PERDSTUPP	.0	. 0	.0	•0	.0	3.3	.5	,

TABLE	¥-	B STATE SUBBART OF SCIR	BOTIST-YBLE	S POR	1 FT 1977			(PRISE
BESEL	BCB P	ROGRAN SUMMART					US DA	BEN TOE
			185	888	PCS/SBS	<b>P</b> 5	TOTAL	ITHAC
BP 5.	01;	FOOD & SUTBITION	1.1	.0	.0	.0	1. 1	11.
BP 5.	02:	POOD SAPETT	.0	. 0	.0	.0	.0	3.
BP 5.	03:	RUBAL DEVELOPMENT & QUALITY	OF PARILT	.0 FIAIR	.0	.0	-0	28.
BP 5.	09:	INSECTS APPECTING NAM & HIS	BBLONGING	.0	.0	.0	.0	3.
RP 6.	01:	PARM ADJUSTMENT, PRICES 6 IN	•0 •0	.0	.0	.0	.0	6.
8P 6.	021	POSEIGN AGRICULTURAL TRADS 6	.0 BCORONIC	DETRI	.0	.0	.0	2.
ap 6.	160	SERESTING & COMPRESSION	.0	.0	.0	.0	.0	3.

42.

.0 .0 .0 3.6

.0 1.0 .0 .0 1.0 . 58.9 1.0 .0 1.8 61.7 244.

RP 7.01: GREERL RESOURCE OF TECRNOLOGY 3.6

EP 9.01: ONCLASSIFIED

GRAND TOTAL

OTB

RESEARCH	PROGRAM SUMMART					,,	,
		ARS	gas	PCS/SRS	rs	USDA TOTAL	SABS
RP 1.01:	SOIL 6 LAND USE	1.7	. 8	•0	.0	2.5	4.6
BP 1.02:	WATER 6 WATERSHEDS	7.1	. 2	•0	.0	7.3	.1
89 i.04:	BHVIBONHBHTAL QUALITY	27.9	1.4	•0	-0	29-3	6.7
RP 1.06:	PISH & WILDLIPE	•0	.0	.0	.0	.0	2.2
BP 1.07:	BENOTE SENSING	•0	-0	.0	.0	•0	. 5
BP 2.01:	INTENTONT & APPRAISAL OF PO	BRST RESOU	.0	.0	7.0	7.0	.3
89 2.02:	TIMBER MANAGEMENT	.0	.0	٠0	5.0	5.0	2.4
RP 2.03:	POREST PROTECTION	. 0	.0	.0	.0	-0	1.4
89 2.04:	HABYESTING PROCESSING & MAR	KBTING OF	PORES:	PRODUCTS	3.0	3.0	1,9
BP 2.05:	POREST WATERSHEDS, SOILS, Po	OLLUTION .O	.0	.0	.0	.0	1.7
RP 2.06:	FOREST RANGE WILDLIPE & PIS		TATIO		1.0	1.0	.9
BP 2.07:	POREST RECREATION & AUSTRET				.0	.0	1.3
BP 2.08:	ALTERNATE USES OF LAND	•0	. 0	•0	.0	•0	.3
BP 3.01:	COBR	.0	.0	.0	.0	.0	6.8
RP 3.03;	WHEAT	.0	.0	.0	.0	.0	.3
RP 3.04:	SHALL GRAINS OTHER THAN WIE		.0	•0		1.7	
RP 3.09:	PORIGE, RANGE, & PASTURE				٠٥		.9
EP 3.11:	TOBACCO	10.5	•0	-0	•0	10-5	7. 2
BP 3.12:	HEN CROPS & HINOB OILSEEDS	•0	.0	•0	•0	.0	.4
EP 3.13:	PROTT	1.1	•0	•0	.0	1. 1	.0
BP 3.14:	VEGETABLE CROPS	5.5	•0	•0	.0	5. 5	12.0
EP 3.15:	PLANTS TO ENHANCE THE BRYIS	4.9 OFBENT	-0	•0	.0	4.9	10-9
1P 3.16:	BEBS & OTHER POLLIBATING IN	-0	.0	•0	•0	+0	5.0
BP 4.01;	Dase	2.7	•0	•0	•0	2.7	.5
EP 4.02:		36.6	• 0	•0	-0	36.6	4,3
		15.6	-0	•0	-0	15.6	7.6
EP 4.03:		•0	.0	.0	.0	•0	9. 1
BP 4.04:	SREEP	•7	• 0	•0	•0	•7	1. 2
22 4.05:	SWINE	4.0	-0	.0	.0	4-0	2-7
	OTHER ANIHALS (HOBSES, GOAT	S, PETS, 1	. Q	TORY, BTC.)	.0	.0	1.5
		46.2	.0	.0	.0	46.2	3.0
		32.2	.0	.0	.0	32-2	1.7
BP 5-03;	BUBAL DEVELOPMENT 5 QUALITY	OP PARILY	.0	.0	.0	•0	12.6
89 5.04:	INSECTS AFFECTING MAN & HIS	- 0 BRFOAGTAG	.0	.0	.0	•0	-0
BP 6.01:	PARE ADJUSTMENT, PRICES & 1	.O	.0	.0	.0	.0	4.0

BP 6.02: FOREIGN AGRICULTURAL TRADE 6 ROOMONIC DEVELOPMENT .0 .0 .0

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2.9

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BP 6.03: MARKETING & COMPRESSION

. 0

5.2

4.6

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BESBARCH PROGRAM SUMBLEY					
ars	PAS	PCS/SBS	78	USDA TOTAL	SAES
EP 7.01: GEWERAL RESOURCE OR TECHNOLOGY 3.6	.0	-0	•0	3.6	11.6
EP 9.01: OFCLASSIFIED	.0	-0	.0	.0	.0
GRAND TOTAL 202.0	5.3	-0	16.0	223.3	137-1

(PRIBART)

OTS CO

TIBLE Y-B STATE SUBBARY OF SCIENTIST-TRARS POR PT 1977

BRECD	PROGRAM SUMBARY								
		ABS	BRS P	CS/SRS	P.5	USDĀ TOTĀL	SARS	OTH COOP INSTS	FORB 5CH
1.01:	SOIL & LAND USE	•0	-0	.0	-0	.0	1.7	.0	
1.02:	WATER & WATERSHEDS	-0	•0	.0	.0	.0	. 1	.0	
1.03:	RECREATION	.0	.0	.0	.0	.0	1. 1	.0	
.04:	SMAISORGENTST COSTILL	.0	.0	.0	.0	-0	5, 5	.0	
1.05:	TEATHER MODIFICATION POR				.0	.0	.0	•0	
1.06:	PISH & WILDLIPE								
2.02:	TIMBER KANAGEMENT	•0	•0	.0	•0	-0	2.7	.0	
2.05:	POREST WATERSHEDS, SOILS,	.0 POLICTION	.0	.0	.0	•0	-4	.0	
2.06:	POREST BANGE WILDLIPE & P	•0	.0 ARTTAT DEV	.0	.0	•0	. 2	.0	
		.0	•0	-0	•0	•0	.4	.0	
2.07:	POREST RECREATION & ABSTH	.0	.0	.0	•0	-0	. 2	-0	
1.09:	ALTERNATE USES OF LAND	.0	•0	•0	.0	• 0	.5	.0	
3. 13:	PROIT	•0	-0	.0	-0	-0	1. 1	.0	
3.14:	TEGETABLE CROPS	.0	.0	•0	.0	.0	.7	.0	
1, 151	PLANTS TO BUHANCE THE BUY	IRONHBUT	.0	.0	.0	-0	9.0	.0	
.02:	DAIRT	.0	.0	.0	.0	.0	.5	.0	
:.03:	POULTRY								
.06:	OTHER ANIBALS (HORSES, GO	.0 ATS, PBTS,	-0 LABORATOR	.0 Y, BTC.)	-0	-0	2.6	.0	
. 07:	AQUATIC POOD 6 PERDSTURFS	-0	• 0	•0	•0	.0	, 1	.0	
	FOOD 6 NUTRITION	-0	•0	.0	•0	- 0	4.6	•0	
3.01:		.0	•0	•0	•0	• 0	4.4	.0	
180.5	SUSAL DEVELOPMENT & QUALI	TI OF PARI	.0	•0	-0	•0	2.1	.0	
5.03:	RYBXBLING & COMBRILLION	.0	.0	.0	-0	.0	. q	.0	
7.01:	GREERAL RESOURCE OR TECHN	orog A	•0	.0	•0	-0	. 4	.0	
1D 707	A L	-0	-0	-0	. •0	-0	30.3	.0	

BESEARCH PROGRAM SOMMARY

20224040	.,,,,,,,,							
		ARS	BRS 1	CS/SBS	23	OSDA TOTAL	5125	OTB C
BP 1.01:	SOIL & LAND USB	.0	.0	.0	.0	-0	2.0	
BP 1.02:	BATER 6 PATERSEROS	.0	.0	•0	.0	.0	. 2	
RP 1.03:	BECREATION	.0	.0	.0	.0	.0	.9	
8P 1.04:	RMAIBORPERLTT OUTFILL	-0	-0	-0	.0	.0	1.7	
89 1.05;	WEATHER SODIFICATION PO	R AGBICULTOR	B & PORBS	tet	.0	.0	.1	
BP 2.01:	INVENTORS & APPRAISAL O	P POREST RES	ODECES	.0	-0	.0	.0	
EP 2.02;	THERE BLULGERET	.0	.0	•0	5.0	5.0	. 6	
BP 2.03:	PORRST PROTECTION	.0	.0	•0	•0	•0	.7	
89 2.09;	BARTESTING PROCESSING 8	SABERTING O	P PORBST 1	PBODUCTS	.0	.0	1.1	
BP 2.06:	POREST BANGE WILDLIFE &	PISBBEIRS 8	ABITAT DE	PLOPHENT 0	•0	.0	.0	
BP 2.07:	POREST RECREATION 6 ARS	THETICS 6 OT	B LANDSCAI	PE VALUES	.0	.0	.0	
RP 2.09:	SECRIFICAT PRESENTACE	.0	-0	.0	3.0	3.0	.0	
BP 3.01:	СОВЯ	.0	.0	.0	-0	.0	. 2	
RP 3.09:	PORAGE, RANGE, 6 PASTOS	в . о	.0	.0	.0	.0	1.3	
BP 3. 13:	PSUIT	-0	.0	.0	.0	.0	2.8	
BP 3. 192	VEGSTABLE CROPS	.0	.0	.0	.0	•0	.0	
RP 3-15;	PLANTS TO BURLBUCK THE R		•0	.0	.0	.0	1.5	
BP 6-01:	BREP	•0	.0	.0	.0	.0	.1	
86 4.05:	DAIBT	•0	.0	.0	.0	.0	3.2	
PP 4.03:	POULTBY	•0	.0	.0	•0	.0	1.4	
BP 4.04:	SRBEP	.0	.0	.0	.0	•0	.1	
BP 4.06:	OTERS ANIMALS (BORSES,				.0	.0	.1	
PP 5.01:	ROLLIGION 9 GOOS	.0	.0	.0	.0	.0	2.9	
PP 5-02:	FOOD SAFETY	•0	.0	.0	.0	.0	-2	
BP 5.03:	BORAL DEVELOPMENT \$ QUA			.0	.0	.0	1.5	
BP 6.01:	PARS ADJUSTERET, PRICES		•0	.0	.0	.0	.4	
BP 6.03:	BARRETING & COMPRISTION	.0	-0	.0	.0	-0	1.1	
EP 7.01;	GRARBIT BEROLECE OR LEC		-0	.0	.0	.0	3.9	
CBIRD TOT	ent.	.0	-0	.0	8.0	8.0	27.8	

BABCH	PROGRAM SOMMARY								1
		ABS	EBS	PCS/SRS	75	USDA TOTAL	SABS	OTH COOP	PORESTI
1.01:	SOIL & LAND DSB	7.5	.0	.0	.0	7.5	1.9	• 0	•
1.02:	WATER 6 WATERSHEDS	.0	.0	•0	.0	-0	.3	.0	
1.03:	BECSEATION	.0	.0	.0	•0	.0	1.1	.0	
1.04:	BRAIEONNEMATY GAYLILA	.0	-0	.0	•0	.0	2.4	-0	
1.05:	WEATHER MODIFICATION FOR	AGBICULTUR	E 6 POE	TRTE	.0	•0	. 2	.0	-
1.06:	PISH & WILDLIPB	.0	.0	-0	.0	•0	1.2	-0	•
2.01:	INVENTORY & APPRAISAL OF	POREST PES	ODACES	.0	.0	.0	.8	.0	•
2.02:	TINDER BANAGEBERT	-0	.0	• 0	3.0	3.0	1.8	.0	
2.03:	POREST PROTECTION	.0	.0	•0	.0	•0	1.0	-0	
2.04:	HARTESTING PROCESSING &	MARKETING U	P PORBS	PRODUCTS	23.0	23.0	1.3	.0	•
2.05:	POREST WATERSHEDS, SOILS,	. FOLLUTION	. 0	•0	3.0	3.0	.0	.0	
2.06:	POBEST BANGE WILDLIPE 6 1	PISHBRIBS H	ABITAT 0	BYBLOPHEUT .0	2.7	2.7	.6	.0	
2.07:	PORRST ARCARATION & ABSTE	BTICS 6 CT	H LANDSO	APS VALOES	.0	.0	.7	.0	•
2.08:	ALTERNATE USBS OF LAND	•0	-0	•0	.0	.0	. 4	.0	
3.41;	COBA	•0	.0	•0	.0	•0	.7	.0	
3.03:	WHEAT	•0	-0	.0	.0	.0	. 1	-0	
3.04:	SHALL GRAIMS OTHER THAN	.O	.0	•0	.0	.0	. 1	.0	
3.09;	PORTOR, RANGE, & PASTURE	.0	.0	.0	•0	.0	1.8	.0	•
J. 13t	PROIT	.0	.0	.0	.0	•0	3.6	.0	
3. 14:	VEGETABLE CROPS	•0	-0	•0	•0	.0	2.5	-0	•
3- 15:	PLINTS TO BURLICE THE BUT		•0	•0	•0	.0	.9	.0	
4.01:	BERF	.0	.0	.0	.0	•0	2.5	.0	•
4.02:	DAIRY	.0	.0	•0	.0	.0	.8	-0	•
4.03:	POGLISH	.0	.0	.0	.0	.0	2.9	.0	•
4.04:	Suste	.0	.0	.0	.0	-0	1.7	.0	•
		••	• •	• •	• 0	••	1. /	.0	•

4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)

.0

7.5

5.03: ROBAL DEVELOPMENT 6 QUALITY OF PAHILY LIVING .0 .0

6.01: PARK ADJUSTMENT, PRICES & INCOME

7.01: GENERAL RESOURCE OF TECHNOLOGY .0

6.03: HARRETING & COMPETITION

AND TOTAL

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BESEIRCH PROGRIS SDAUIRT

RESERVE	LEGGRED SOUGHERI						
	AB	S BBS	PC5/585	PS	USDA TOTAL	SABS	111815 Tuskege
BP 1.01:	SOIL 6 LAND USB 8.	0 .0	.0	.0	8.0	3.9	
BP 1.02:	SATER 5 SATEBSUBDS	.0	.0	.0	. 8	.4	
RP 1.03:	BECHRYLION	0 .0	•0	.0	.0	.7	
BP 1.04:	BRAIBORHRHAT Glafia.	5 .0	.0	.0	.5	4.9	
8P 1.06:	PISH & WILDLIFE	٥. ٥	.0	.0	.0	5.1	
87 2.01:	INVESTORS & APPRAISAL OF PORES	S SESOURCES	.0	•0	.0	2.4	
RP 2.02:	TIMBER BANAGEREET	0 .0	.0	1.7	1.7	3.3	
89 2.03:	FOREST PROTECTION	.0	.0	.0	.0	4.0	
BP 2.04:	BARTESTING PROCESSING 6 MARRET	ING OF FORES	ST PRODUCTS	2.6	2.6	1.9	
BP 2.05;	FOREST WATERSHEDS, SOILS, POLL	30170.	.0	.0	.0	.2	
BP 2.06:	POREST RANCE BILDLIPE & PISORS			.0	.0	1.3	•
BP 2.07:	POREST PECBEATION & ABSTRETICS			.0	.0	.1	_
BP 2.09;	ALTERNATE DSBS OF LAND	0 .0	.0	.0	.0		
RP 3.01:	CORN	.1 .0	.0	.0	.1	1.6	•
8P 3.02:	GRAIN SORGHUN	.0	.0	.0	.0	. 4	
ap 3.03:	WBBAT	0 .0	.0	.0	.0	.5	•
RP 3.04:	SHALL GRAINS OTHER TRAN WHEAT	1 .0	.0	.0	.1	.6	•
BP 3.06:	SOYBEARS	.0 .0	.0	-0	.0	8.9	•
SP 3.07:	PRANOTS	.0	.0	.0	.0	5. 8	•
RP 3.09;	FORAGE, BANGE, & PASTORE	.1 .0	.0	.0	.1	9.3	•
BP 3.10:	COTTON		-0	.0	2.2		•
EP 3.13:	PRDIT					4.3	•
PP 3.14:	VEGSTABLE CEOPS	0 .0	.0	.0	.0	5.8	
RP 3.15:	PLANTS TO BRUANCE THE SHVIRONE		.0	.0	.0	7.5	1.
RP 4.01;	BBBF	• .0	.0	.0	.0	4.4	•
RP 4.02:			.0	.0	1.9	14.2	•
BP 4.03:				.0	1.4	5.9	•
RP 4.04:	SHREP	0 .0		•0	-0	6.6	1.
BP 9.05:	SUINB	1 .0		.0	.1	.0	•
	OTHER ANIMALS (BORSES, GOATS,	O .O PBT3, LABORI	tort, Stc.)	.0	.0	5.2	2.
	AQUATIC POOD & PEBDSTUPPS	0 .0	•0	.0	.0		•
		.0		.0	-0	16.4	•
		0 .0	•0	•0	-8	1.1	1.
		O .O	. O CNG	•0	.0	1.3	•
		0 .0		.0	.0	4.7	•
71		0 .0	.0	.0	•0	.0	•
	GASTORNY SEYCES A THEO	4 4	^				

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TABLE T-8 STATE SUMBARY OF SCIENTIST-YEARS FOR PY 1977 (PRISARI)

EBSEARCH PROGRAM SUMMARY

		185	ERS	PC3/883	PS	OSDA Total	SIES	ALABAHA Tüskegee	NORM
P 6.03:	HERESTING & COMPRISTION	.0	.0	.0	•0	.0	2.8	.0	
P 7.012	GENERAL BESOURCE OR TECH	OLOGY 3.7	-0	.0	٠0	3.7	8.5	1.4	
P 9.01:	ORCIFSZILIFO	.0	.0	.0	.0	.0	9.6	.0	,
RAND TOT	at .	20.6	.0	.0	4,3	24.9	155.6	9.6	6.

BESEARCE PROGRAM SCHMARY

RESETROS	PECGRAS SUNBARY							
		ARS	EBS	PCS/SRS	YS	TOTAL	8488	OTH COOP
AP 1.01:	SDIL & LIND USE	.0	1.0	.0	.0	1.0	4.7	.3
RP 1.02:	WATER & WATERSHEOS	.0	•0	.0	.0	.0	1.7	.0
BP 1.03;	BECHEATION	•0	•0	.0	.0	.0	.1	•0
BP 1.04:	ENVIRONMENTAL QUALITY	-0	.0	.0	.0	-0	4.7	.1
RP 1.05;	WEATRES MODIFICATION FOR AG	91 CULT	DBR & PORR	.0	.0	-0	.0	.0
RP 1.06:	PISH & WILDLIPE	.0	.0	.0	.0	.0	.0	.0
SP 2.01:	INTESTORY & APPRAISAL OF PO	REST B	SSODRC85	.0	.0	.0	.1	.0
BP 2.02:	TIBBES HARAGERET	.0	.0	.0	1.0	1.8	1.0	.0
BP 2.03:	PCREST PROTECTION	-0	•0	.0	.0	.0	3,8	.0
89 2.091	BEBSESTING PROCESSERG & MAR	.0 0.	OF POREST	PRODUCTS .0	.0	.0	. 3	.0
BP 2.05:	PORRST WATERSHEDS, SOILS, P.	.0	.0 RU	.0	1.2	1.2	. 4	.0
8P 2.06:	POREST BANCE WILDLIFE & PIS	.0 428188	HABITAT D	Byelopsent .0	.0	.0	.5	.0
BP 2.07:	POSEST SECREATION & ARSTHE?	.0 1CS &	OTH LINDSC.	APE VALUES	•0	.0	.1	.0
BP 2.08:	ALTERNATE OSES OF LAND	•0	.0	.0	.0	.0	• 0	.0
RP 3.01:	COBA	_0	.0	.0	.0	.0	.7	.0
SP 3.02:	GRAIN SORGEUS	.0	.0	.0	.0	•0	.7	.0
BP 3.03;	FERAT	.0	.0	.0	.0	.0	1.2	.6
RP 3.04;	SMALL GRAIDS OTHER TRAD WHE	.0	.0	.0	.0	.0	1. 2	.0
BP 3.05:	PICB	2.0	.0	.0	.0	2-0	4.9	.0
sp 3.06:	SOTOBANS	.0	.0	.0	.0	<b>+</b> 0	10.4	1.9
ap 3.09;	FORAGE, BANGE, & PASTORS	.0	.0	.0	-0	-0	2. 4	.0
RP 3.10:	COTTON	.0	.0	.0	.0	.0	8. 2	. 8
RP 3.12:	MBB CROPS & MIBOR OILSBEDS	.0	.0	.0	.0	.0	. 1	.0
BP 3. 13:	PRDIT	.0	.0	.0	-0	.0	4.2	•0
BP 3.14;	VEGETABLE CROPS	.0	.0	.0	.0	.0	7.0	.4
RP 3.15:	PLANTS TO ENHANCE THE ENVIR	7 KB N H O	.0	.0	.0	. a	2.0	.0
RP 4.01:	BEP	.0	.0	.0	.0	.0	4.0	.0
RP 4-02:	DAIRY	.0	.0	.0	-0	.0	4.5	•0
RP 4.03;	POOLTET	.0	.0	.0	•0	- 0	6.4	1.0
89 4.0q;		.0	.0	.0	.0	.0	1.3	.0
BP 4.05;		.0	.0	.0	.0	.0	1.6	•0
	OTERR ANIBALS (BORSES, COAT	.0 .0	S, LABORATO	.0 .0	.0	.0	1.0	-0
•	AQUATIC POOD & PERDSTURYS	.0	.0	.0	.0	•0	. 2	-9
	POOD 8 NUTRITION	.0	.0	.0	.0	.0	2. 1	.0
	RUBAL DEVELOPMENT & QUALITY	.0	.0	.0	.0	.0	4.0	2.4
RP 5.04:	INSECTS APPROTING HAW 6 HIS	-0	O. COWID	.0	.0	.0	1.0	•0

TABLE Y-B STATE SUBBARY OF SCIENTIST-TRADS FOR PT 1977

OR PT 1977 (PRINARY)

RESEARCH PROGRAM SOUBLRY

		1	RS	185	PCS/SES	PS	USDA TOTAL	SAES	OTH COOP INSTS	POPES
86	6.01:	PARE ADJUSTMENT, PRICES 6 INC	ONE O	.0	.0	.0	.0	1.9	.0	
BP	6.02:	FORBIGN AGRICULTURAL TRADE &	BCOFOBIO	DEVE	LOPHENT .O	.0	.0	.2	-0	
EP.	6.03:	NIBERTING & CONSECUTION	.0	1.1	.0	.0	1. 1	4.3	.1	
2P	7.01:	GREERL ESSOURCE OF TECHNOLOG	.0	.0	.0	.0	.0	4.3	.0	
GFI	ND TOT	AL 2	.0	2. 1	-0	3-0	7.1	97.0	8.3	

RESEARCE PROGREE SOMMEY

RESEARCE	PROGREE SORBERY							
		125	385	PCS/SBS	75	USDA TOTAL	5188	OTH COOK
BP 1.01:	SOIL 6 LAND OSB	•9	.0	.0	.0	.9	19.3	1.1
BP 1.02:	BATER & WATERSBEDS	3.2	.0	.0	.0	3. 2	8.8	.0
BP 1.03:	BECESTION	•0	.0	.0	.0	.0	.2	. 0
RP 1.04:	BAAIBOBRBALT GOTFILL	3.2	•0	.0	.0	3.2	18.1	5. 1
EP 1.05:	SEATERS SODIFICATION FOR AC	BICOLTO	BE 6 PORI	STRT .0	.0	.0	. 3	.0
BP 1.06:	FISH 6 WILDLIPE	.0	.0	.0	•0	.0	3.1	.1
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	.0	
PP 2.01:	INTENTORY & APPRAISAL OF PO		SOURCES	•0	.0	.0	.1	
RP 2.02:	TINBUR MANAGEMENT		.0					
RP 2.03:	FOREST PROTECTION	•0	.0	•0	9-7	9.7	4.0	.0
RP 2.04;	HABSESTING PROCESSING 5 MAI	.0	.0 OP POREST	.0 PRODUCTS	1.9	3.9	4.2	.0
RP 2.05:	POREST WATERSHEDS, SOILS, I	.0	.0	•0	•0	.0	1.3	•0
		•0	•0	.0	.8	.8	1.6	. a
RP 2.06:	POREST BANGE WILDLIPS & PIE	.0	.0	.0	•0	-0	1.6	•0
89 2.081	ALTERNATE USES OF LAND	•0	.0	.0	.6	.6	1.1	. 0
EP 2.09:	TECHIFICAL ASSISTANCE	.0	.0	•0	•0	.0	.4	.0
RP 3.01:	COSS	2.2	.0	.0	.0	2.2	5.7	.0
RP 3.02:	GRAIN SORGHUM	.6	.0	.0	•0	.6	1.0	.0
RP 3.03:	WBEAT	1.2	•0	.0	-0	1.2	.6	.0
BP 3.04:	SHALL GRAIRS OTERR THAT WHI	.7	.0	•0	.0	.7	1.3	•0
RP 3.05:	BICB	.4	.0	•0	.0	.4	•0	•0
BP 3.06:	SOYBELWS	1.5						
EP 3.07:	PELWOTS		.0	.0	.0	1.5	8.4	• 0
EP 3.08:	SUGAR	. 5	.0	•0	•0	-5	6.6	2.0
BP 3.09:	FORAGE, RANGE, & PASTURE	5.3	.0	•0	•0	5.3	1. 8	.0
RP 3.10:		1.5	.0	.0	-0	1.5	25. 2	.0
		.0	.0	•0	-0	-0	. 2	.0
RP J. 11;		. 4	•0	.0	•0	.4	2. 6	.0
	MRB CHOPS & MINOR OILSERDS	.0	•0	•0	.0	•0	. 5	
BP 3.13:	PROIT	41.6	.0	•0	.0	41.6	61.1	.0
EP 3.141	TEGETABLE CROPS	3. 1	.0	•0	.0	3.1	50.3	
BP 3.15:	PLANTS TO EBHANCE THE BUYIN	ONERT 1.9	.0	.0	.0	1.9	29. 1	.0
BP 3.16:	BEES & OTHER POLLIBETIES IN	SECTS	.0	.0	.0	•0	1.2	
RP 9.01:	BREP	1.1	.0	.0	.0	1. 1	20.5	.9
BP 4.021	DATET	.7	.0	.0	.0	.7	10. 1	.0
BP 4.034	POULTRY	.1	•0	••	.0	.1		
EP 4.044	SHEEP						6.5	•0
2P 4.05:	SWIMS	.2	•0	.0	-0	•2	1.4	.0
		•0	.0	.0	.0	•0	4.1	.0

	•								
		ARS	BRS	PCS/SRS	PS	US DA TOTAL	Sabs	OTH COOP 18375	FORESTEY SCHOOLS
4.06:	OTHER ANIMALS (HOBSES, GOA	TS, PETS	. LABORATO	ont, erc.)	-0	.0	5.8	.0	.0
4.07:	AQUATIC FOOD & PERDSTUPPS	.0	.0	.0	-0	.0	3.1	.7	•0
5.01:	FOOD & NOTHITION	.0	.0	.0	.0	.0	4.3	2.8	-0
5.02:	POOD SAFBTY	•0	.0	•0	.0	.0	4.7	.0	.0
5.03:	RORAL DEVELOPMENT & QUALITY	Y OF PAN	TR TIAIR	.0	•0	.0	8.7	.8	-0
5.04:	INSECTS APPROTING MAN 6 HI	5 BBLONG 17.9	.0	.0	.0	17.9	.0	.0	.0
6.01:	FARE ADJUSTMENT, PRICES 6	.0	.0	•0	.0	.0	7.5	.0	.0
6.02:	POSSION AGRICULTURAL TRADE	6 BCOHO 2.7	.O	. O	.0	2.7	- 5	.0	•0
6.03:	HIRKSTING & COMPSTITION	5.3	2.0	.0	.0	7.3	7.4	.0	.0
7.01:	GERERAL RESOURCE OR TECHNO	LOGY 18.4	.0	•0	.0	18.4	24.2	.0	.0

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BLB Y-B STATE SUBMARY OF SCIENTIST-TEARS FOR FT 1977

SELECE PROGREE SURBLEY

9.01: DECLESSIFIED

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RESEARCH PROGRAM SOMMERY

		185	888	PCS/589	PS	TOTAL	SABS
RP 1.01;	SOIL & LAND DSB	2.8	-0	.0	.0	2.8	6-0
BP 1.02:	WATER & WATERSHEDS	6.3	.0	.0	.0	8.3	1.3
BP 1.03:	BECREATION	.0	.0	.0	.0	.0	.0
RP 1.04:	BHTIBONDSWTAL QUALITY	8.7	1.0	.0	.0	9.7	4.5
BP 1.05:	SEATHER SODIPICATION POR	.O	B 6 FOBR	STRT .0	.0	.0	. 2
89 2.02:	Liabed wirterable	•0	.0	.0	2.0	2.0	8.4
PP 2.03:	POREST PROTECTION	• 0	.0	.0	26.8	26.8	4.8
8P 2.04;	HARTESTING PROCESSING & 8	ABRETING OF	P POBBST	PRODUCTS	16.0	16.0	7.7
8P 2.05:	POREST WATERSHEDS, SOILS,	FOLLOTION 0	.0	-0	3.3	3.3	1.2
BP 2.06:	POREST BANGE WILDLIPE & P.	ISHBRIBS H	D TATIBLE	BYBLOPMENT .0	.0	.0	1.6
RP 2.07:	POREST RECREATION & AESTHI	BTICS & OTE	LAWDSC . O	APR VALORS	.0	.0	. 3
EP 3.01:	COBN	9.5	.0	.0	•0	9,5	3.9
BP 3.02:	GRAIN SORGHUM	2.2	.0	.0	.0	2.2	2. 2
PP 3.03:	SBET	3.3	.0	.0	.0	3.3	1-1
BP 3.04;	SHALL GRAIDS OTHER TRAD OF						
EP 3.05:	BICB		•0	.0	.0	.4	2.7
RP 3.06:	SOTERNS	.9	.0	.0	•0	.9	.0
RP 3.07:	PEARUTS	2.8	.0	•0	-0	2.8	8. 6
AP J.09:	POBLCE, BANGE, & PASTORS	9,9	.0	•0	•0	9.9	6.7
RP 3.10:	COTTOR	13.7	.0	.0	-0	13.7	8.9
EP 3.11:	TOBACCO	2.5	-0	•0	•0	2.5	3.7
BP 3.12:	NEW CROPS & HINOR OILSEED	13.1 S	.0	.0	•0	13. 1	2.7
RP 3.13:	PROIT	5.3	.0	.0	.0	5.3	.4
RP 3.14:	VEGRTABLE CROPS	22.3	.0	.0	•0	22. 3	14.4
8P 3.15:	PLANTS TO BEHANCE THE BAY:	9.5 TROUMBUT	.0	.0	•0	9.5	14.8
BP 3.16:	BERS & OTHER POLLIMATING	1.7	.0	.0	•0	1.7	7.8
RP 4.01:	BEEP	.0	٥.	.0	.0	.0	.1
BP 4.02:		1. 2	.0	.0	.0	1,2	11.2
	DAIRT	•9	.0	•0	•0	. 9	7.4
29 4.03:	POSITRI	14.6	.0	•0	-0	14.6	10.3
EP 4.04:	Subep	1.4	.0	.0	•0	1.4	•3
BP 4.05:	SWINE	6.5	.0	.0	•0	6.5	7.3
	OTHER ANIMALS (808585, GO	•7	LABORAT .0	OBY, ZIC.)	.0	.7	1. i
	AQUATIC FOOD 6 PEEDSTOFFS	• 0	.0	.0	.0	•0	3.6
	FOOD & HUTBITION	2.1	-0	.0	.0	2.1	3. 4
BP 5.02:	POOD SAFETY	14.6	.0	.0	•0	14.6	4.0
BP 5.03:	BURAL DEFELOPMENT & QUALL	TY OP PAHI:	LT LIVIE	.0	•0	3.1	4.2

SZABCH	PROGRAM SOMMARY								GEC
		ARS	BBS	PCS/SES	78	USDA TOTAL	SABS	OTH COOP	FORESTRY SCHOOLS
5.09:	INSECTS APPROTING HAN 6 HIS	BELONG . 1	INGS .O	.0	.0	.1	.0	.0	.0
6.01:	PARM ADJUSTMENT, PRICES 6 I	*COMB	. 1	.0	.0	•1	2.8	4.8	-0
6.02:	FOREIGH AGRICULTURAL TRADE	e BCONO	.0 RIC DEAR	.O	.0	.0	. 8	.0	.0
6.03:	HARRETING & COMPRETITION	8.7	4.6	.0	.0	13.5	7.7	.0	.0
7.01:	GENERAL BESOURCE OF TECHNOL	0G1 12.2	.0	.0	.0	12.2	7.3	.9	.0
LED TO	Tal 1	81.9	6.9	.0	98.0	236.8	187.5	16.4	.0

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BLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR PY 1977

RP 5.01: FOOD & MOTRITION

RP 5.02: FOOD SAPRTY

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PESELECH	PROCEAU SCHULL					DSDA		OTH COOL
		185	BRS	PCS/SRS	PS	TOTAL	SABS	INST
EP 1.01:	SOIL & LAND USB	.0	.0	.0	•0	.0	2.4	•
RP 1.02:	SATES & VATERSHEDS	.0	-0	- Q	.0	.0	.8	
RP 1.04:	ENAIRORGENTYT GOFFILL	.0	.0	-0	-0	-0	1. 3	٠١
BP 2.02:	JIRBES HYNYGEHBAL	.0	-0	.0	.0	.0	1.3	•1
BP 2.03:	POREST PROTECTION	.0	.0	.0	.0	•0	1. 9	• 1
ap 2.04:	BARVESTING PROCESSING 6	HARRETING O	OP POREST	PRODUCTS .0	.0	-0	1.7	•
BP 2.05;	POREST WATERSHEDS, SOILS	, POLLUTION	.0	-0	13.0	13.0	2. 1	
8P 2.06:	POREST RANGE VILOLITE C	.O .O	TATIGAN D.	**************************************	.0	.0	• ф	
EP 2.07:	POREST RECREATION & ABST	BRTICS 6 OT	TH LANDSO	APE VALUES	.0	.0	.7	
BP 3.01:	CORB	• 0	•0	.0	.0	.0	2. 4	
RP 3.03:	RREAT	.0	.0	.0	.0	.0	. 1	•1
pp 3.04:	SHALL GRAIRS OTHER THAN	988AT .0	.0	.0	.0	.0	. 5	
RP 3.06;	SOTERANS	.0	.0	.0	•0	.0	5.9	
gp 3.09:	PORAGE, BANGE, & PASTUR	1.8	.0	.0	.0	1.8	7.1	.1
BP 3.11:	TOBACCO	9.8	.0	.0	•0	9.8	5.5	
EP 3.12:	MEN CROPS & MINOR OILSE	.0	.0	-0	-0	•0	.5	•1
BP 3. 13:	PROIT	.0	.0	.0	.0	.0	4.3	
BP 3.14;	VEGETABLE CROPS	.0	. a	.0	-0	-0	4.1	.1
EP 3.15;	PLANTS TO BEHANCE THE B	. S A I BON W B M L	.0	.0	.0	. 2	2.9	.1
RP 4.01:	BERP	.0	.0	.0	-0	.0	6.0	
BP 4.02;	DAIRT	.0	.0	.0	-0	.0	2.8	
gp 4.03:	POULTSY	.0	•0	.0	.0	.0	.6	
29 4.04;	SHEEP	.0	.0	. 0	.0	.0	2. 1	•
EP 4.05:	SWIMB	.0	.0	.0	.0	•0	2.9	.1
2P 4.06;	OTHER ARIHALS (BOBSES, C	ONTS, PETS.	, LABORAT	OBI, BIC.)	.0	.0	9.7	

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RP 5.03: RUBAL DEVELOPMENT & QUALITY OF PARILY LIVING

RP 5.05; gBSBBBCH ON ADMINISTRATION OF BBSCARCE .0 .0

RP 6.01: YARM ADJUSTMENT, PRICES 6 INCOME

11. PESOURCE OF TECHNOLOGY

.03: BABRETING & COMPETITION

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RANCH PROGRAM SUBMARY 184 BRS PCS/SRS 1.01: SOIL & LAND USB - 0 ٠.۵ 1.02: WATER & WATERSUEDS

1.04: BHVIRONBBWTAL QUALITY

2.01: INTENTORY & APPRAISAL OF FOREST RESOURCES

1.06: FISH & WILDLIFE

2.02: TIBBBS BARAGEBERT

2.03: FOREST PROTECTION

2.08: ALTERNATE USBS OF LAND

J.OQ: SHALL CRAIMS OTHER THAN WHEAT 2.6

3.09: FORAGE, BANGE, & PASTORE

3.12: MEN CROPS & STROR OILSEDS

3.15: PLANTS TO REBANCE THE ENVIRONMENT

3. 16: BRES & OTHER POLLIMATING INSECTS

4.07: AQUATIC FOOD & PEEDSTUFFS

5.01: FOOD & NUTBITION

3.01: CORE

3.03: SHRAT

3.05: SICB

3.06: SOTEBANS

3.07: PELWOTS

3.08: SDGAR

3.10: COTTON

3.11: TOBACCO

3.13: PRUIT

4.01: BREP

4.02: DAIRY

4.04: SHEEP

4.05; SWINE

4.03: POULTEY

3.14: FEGSTABLE CROPS

3.02: CRAIN SORGEON

. 4 .0 ٠0 1.03: BECREATION

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4-06: OTHER ANIMALS (HORSES, GOATS, PRTS, LABORATORY, BTC.)

2.04: BARYESTING PROCESSING 6 MARRETING OF POREST PRODUCTS

2.06: FOREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

2.07: POREST RECREATION 6 RESTRETICS 6 OTH LANDSCAPE VALUES

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BESEARCH PROGRAM SUMMARY

		APS	BRS	PCS/SBS	PS	US DA TOTAL	SIES	018 I
8P 5.021 FOO	D SAFETY	6.8	.0	.0	.0	6.8	1. 4	
BP 5.03; BOR	FILTER S TRENCOLARED S QUALITY	OF PARIS	LT LITE	.0	-0	3.8	7.2	
BP 5.09: 18S	BCTS APPECTING NAM & BIS	BBLOWGI1	.O	.0	.0	1.0	. 5	
BP 5.05: BES	BABCH ON ADMINISTRATION O	P RESEAT	.0	•0	.0	•0	2.3	
BP 6.01: FAR	S ADJUSTERNT, PRICES & IN	.0	.0	.0	.0	.0	3.3	
BP 6.02: POR	BIGN AGRICULTURAL TRADE 6	3.9	O.O	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0	3.9	. 5	
BP 6.03: MAR	RETING & COMPRESSION	.0	3.8	.0	.0	3.8	7. 1	
BP 7.01: GES	BRAL BESOURCE OR TECHNOLO	1. 5	.0	.0	.0	1.5	5.2	
GRIND TOTAL	17	19.7	3.8	.0	36.7	220.2	209.4	

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1.01:	SOIL & LAND USE	1.3	.0	•0	.0	1.3	4.2	.0	. 0
P 1.02:	SATER & WATERSHEDS	19.5	.0	•0	.0	19.5	.1	.0	.0
P 1.03:	BECERATION	.0	.0	.0	.0	.0	.0	.0.	.0
P 1.04:	ERALBORNERLYF Onyrita	3.0	.7	.0	.0	3.7	4.5	. 8	.0
P 1.06:	PISH & WILDLIPB	.0	•0	.0	.0	.0	1.1	.0	.0
P 2.01:	INVENTORS & APPRAISAL OF			••	••	• •	1.1	••	
		.0	.0	.0	.0	-0	.9	.0	-0
P 2.02:	TINERS HANAGRESUT	.0	.0	•0	15.9	15.9	2.9	•0	.0
P 2.03:	POREST PROTECTION	.0	.0	.0	14.6	14.6	4.9	•0	.0
P 2.04:	BIBYESTING PROCESSING 8 H	ARKYTIYO -0	OP POSEST P	BODUCTS .0	3.0	3.0	13.4	.0	.0
P 2.0S:	FOREST WATERSHEDS, SOILS,	POLLUTIO 0	N .0	•0	4.0	4.0	•0	.0	.0
e 2.06:	POREST BANGE WILDLIPE & P	ISUBBIES .O	BABITAT DRV	BLOPHERT .0	,0	.0		.0	•0
P 2.08:	ALTERNATE USES OF LAND	-0	.0	•0	.0	•0	1.0	.0	.0
P 3.01:	CORN			_					
		5.9	-0	.0	-0	5.9	1.5	.0	•0
	GRAIN SORGBUM	.3	.0	•0	.0	.3	- 6	.0	-0
P 3.03:	eneit	.0	.0	.0	.0	.0	. 1	.0	.0
P 3.04:	SHALL GRAINS OTHER THAN W	.0	.0	.0	.0	•0	.6	.2	-0
P 3.05:	BICE	.2	• 0	.0	.0	.2	1. 3	.0	•0
P 3.06:	SOTBEAMS	13.3	.3	.0	.0	13.6	9.5	.0	.0
P 3.071	PREMUTS	.0	.0	.0	.0	.0	•1	-0	•0
P 3.08:	SUGAR	3.5	•0	.0	.0	3.5	.0	.0	.0
P 3.09;	FOREGR, BANGE, 6 PASTURE	1.6	.0	.0	•0	1.6	8.0	.1	•0
P 3.10:	COTTON	52.5	1.0	.0	.0	53.4	20.6	.0	•0
P 3.11:	TOBACCO	.0	.0	.0	.0	.0	.1	•0	.0
P 3.121	YER CROPS & MINOR OTLERED		••		••	••	• •		••
		1.3	•0	-0	-0	1.3	•0	.0	•0
P 3.13:	PROIT	1.7	.0	•0	.0	1.7	6.3	.0	.0

(PRIMARY)

BRS PC5/SBS PS TOTAL SARS INSTS SCHOOLS

ABLE V-B STATE SOUBLET OF SCIENTIST-TRABS FOR PT 1977

ARS

ESBARCH PROGRAM SOUMARY

P 3.14: YEGETABLE CROPS

P 4.01: BERY

P 4.02: DAIRY

P 4.04: SREEP

P 4.05: SWIE

P 4:03: POULTRY

P 5.01: FOOD & HOTBITION

P 5.02: POOD SAFETY

P 3.15: PLANTS TO BUHANCE THE ENVIRONBENT

P 4.07: 1001TIC POOD B PREDSTOPPS .0

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P 4-06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, BTC.)

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	PROGRAM SUMMARY OF SCIENTS	IST-TEARS FO	R PY 1977		(F	BIRTEL)	
50.7 B¥ 5.411	3RS	888	PCS/589	ts	USDA TOTAL	SIBS	028 0
RP 5.03:	BORAL DEVELOPMENT 6 QUALITY OF		#G -0	-0	1.0	5.0	
#P 5.04:	INSECTS APPROTING MAN 6 HIS BEI		•0	•0	2.0	.0	
SP 6.01;	PARE ADJUSTERRY, PRICES & INCO.		-0	•0	-0	1.5	
BP 6.02:	PORBIGE AGRICULTURAL TRACE 6 NO.		.O	.0	•0	-0	
BP 6,03:	MARKETING & COMPRISSION	3.1	.0	.0	3.1	2.7	
3P 7.01:	GENERAL RESOURCE OR TECHNOLOGY 8.	1 .0	.0	.0	8.1	2.8	
BP 9.01;	OHCLASSIPIBD .(	o .0	.0	.0	.0	.0	

GRAND TOTAL

.0 .0 .0 .0 .0 .0 .0 119.3 6.1 .0 37.5 162.9 147.9

ESTARCH	PROGRAM SUNBARY								ков
		ABS	<b>BR</b> 5	FCS/SBS	PS	05DA Total	SAES	OTE COOP	PORESTET (
9 1,01:	SOIL & LAND USE	.0	.0	.0	.0	.0	4.5	.0	.0
P 1.022	VATER & PATERSHEDS	.0	-0	.0	-0	.0	2.4	.0	.0
P 1.03:	BECREATION	.0	.0	.0	.0	.0	.3	.6	.0
P 1.04:	ENTIRONDERTAL QUALITY	5.0	.0	.0	.0	5. 0	9. 0	2.5	.0
P 1.05:	SEATHER HODIFICATION POR AC	RICULTU .0	RE & POBE	O.	.0	.0	. 2	•0	.0
P 1.06:	PISH & WILDLIPS	.0	.0	•0	.0	.0	1.1	.1	.0
2.01:	INVESTORY & APPRAISAL OF PO	PEST BE	SOUBCES.O	•0	9.0	9.0	.7	.0	٠0
2.02;	TIBERS MANAGEMENT	-0	.0	-0	10.3	10.3	6-9	.0	.0
2.03:	FOREST PROTECTION	.0	.0	•0	11.0	11.0	3.4	.0	.0
2.04:	BABYESTING PROCESSING & MAR	.O	OF POREST	PRODUCTS	•0	.0	5.4	.0	.0
2.05:	FOREST WATERSHEDS, SOILS, F	OLLUTIO 0.	-0	.0	2.9	2.9	.0	.0	.0
2.06:	POREST BANGE WILDLIPE & PIE	HEBIBS	HABITAT D O.	BYBLOPHBHT .0	1.0	1.0	-3	.0	.0
2.07:	PORRET RECREATION & ABSTRAT	ICS & C	TH LANDSO	APE VALUES	.0	.0	.4	.0	-0
2.08:	ALTREMATE OSES OF LAND	.0	.0	•0	.0	.0	.0	.0	۰0
3.01:	COBB	2.8	.0	+0	.0	2.8	6.6	.0	.0
3.024	GRAZE SORGEGE	.0	.0	•0	.0	.0	•1	.0	.0
9 3.03;	RUSAT	.0	.0	.0	.0	.0	1.1	.0	-0
9 3.04:	SEALL GRAINS OTHER THAN MHE	.O	.0	.0	.0	.0	. 9	.0	.0
3.06:	SOTERANS	4.6	.0	.0	.0	4.6	10. 1	.0	.0
3.07:	PRRHOTS	2.1	.0	.0	-0	2.1	7.0	.0	•0
3.09:	PORAGE, BANGE, & PASTURE	3.5	.0	.0	.0	3.5	2.5	.0	•0
3, 10;	COTTON	2.7	.0	.0	.0	2.7	3.7	.0	.0
3.11:	TOBLECO	11.1	-0	.0	.0	11.1	22, 2	. 2	-0
3.12;	BEW CROPS & BINOS OILSEBDS	-0	.0	.0	.0	•0	.3	.0	•0
3. 13:	PROIT	. 1	.0	.0	• 6	. τ	15, 1	. 0	.0
3.14:	FEGETABLE CROPS	3.5	.0	.0	-0	3.5	18.2	.0	.0
	PLANTS TO EMHANCS THE EMPLE	.0	.0	.0	.0	•0	5.7	.0	.0
3.16:	BEES & OTHER POLLIMATING IN	SECTS 0	.0	.0	•0	.0	.3	.0	•0
9.012	BBEF	.3	.0	.0	.0	. 3	5.3	1.0	.0
4.021	DRIBA	.2	.0	.0	-0	-2	9.0	.5	_0
4.03:	POOLTRY	.0	.0	.0	-0	.0	12.7	.0	.0

(PRIMART)

REG

ABLE 9-B STATE SUBMARY OF SCIENTIST-TEARS FOR PY 1977

4.04: SHEEP

4.05: 59198

5.01: POOD & NUTBITION

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- N.O6: OTHER ANIMALS (HORSES, GOATS, PRIS, LABORATORY, RIC.)

4.07: AQUATIC FOOD & FEROSTOFFS .0 .0 .0

STBTE	4-8	STATE	3088187	O F	SCIBUTIST-YEARS	\$08	¥	1977

RESEASCE	PROGRAM SUMBABI							
		ARS	BRS	PCS/SRS	75	USDA Total	5185	078 (
BP 5.02:	POOD SAPETY	1.9	.0	.0	.0	1.9	2.8	
BP 5.03:	PORAL DEVELOPMENT & QUALITY	OP FAR	LLT LIVIE	.0	.0	.1	9.0	
80 5.04:	INSECTS APPROTING HAN 6 RIS	BBLONG .0	iyos .0	.0	.0	.0	.6	
BP 5.05:	ERSEABCE ON ADMINISTRATION	OP RESE	.O	.0	.0	.0	. 2	
RP 6.01:	PARK ADJOSTMENT, PRICES 6 I	HCONE 0	1.2	.0	.0	1.2	.8	
RP 6.02:	POSSION AGRICULTURAL TOADS	S BCONO	NIC DEVEL	.0 THEM90.	.0	.0	.9	
RP 6.03:	BARRETING & COMPRETITION	1.0	.0	.0	.0	1.0	3.2	
RP 7.01:	GENERAL RESOURCE OF TECHNOL	06 <b>T</b> 1-9	.0	.0	.0	1.9	21.9	
GELND TOT	'AL	41.0	1.3	.0	34.1	76.4	203.5	

(beigest)

18000	F-B STATE SOMMARY OF	P SCIENTIST-T	BARS PO	R PY 1977		(6	PRIMARTI		В
RESETECH	PROGRAM SUMMER!								0
		AR5	285	PC3/333	PS	OSOA TOTAL	5185	OTH COOP IESTS	FORESTE SCEGOL
RP 1.01:	SOIL & LAND USB	. 3	.0	.0	.0	.3	1.5	.0	
gp 1.02:	RATER & WATERSHEDS	7.8	1.0	.0	.0	8.8	2.5	.0	
gp 1.03:	RECREATION	.0	.0	.0	.0	• 0	.3	. 2	
82 1.04:	BRAIBORRERITT GRETILL	6.6	.0	.0	.0	6-6	1.7	4.1	
gp 1.06:	PISH & WILDLIPE	.0	.0	•0	.0	•0	.6	.0	•
gp 2.01:	INVESTORS & APPRAISAL O	P POBBST BBSC	OURCES . 0	.0	.0	•0	. 1	.0	
BP 2.02:	TIBBER HARAGEMENT	.0	.0	.0	.0	٠0	2.6	.0	•
RP 2.03:	POREST PROTECTION	.0	.0	.0	.0	.0	.6	.0	•
pp 2.04:	HARVESTING PROCESSING	HARKETING O	P POREST	PRODUCTS	.0	.0	1.2	.0	
gp 2.06:	POBBST RANGE WILDLIFE		BITAT 8	OBVELOPMENT O	.0	.0	.1	.0	
pp 3.01;	COBR	. 2	. 0	•0	.0	.2	. 4	.0	
EP 3.02:	GRAIN SORGBUN	.7	-0	•0	.0	•7	2. 1	.0	
EP 3.03:	VBEAT	4.0	.0	.0	.0	4.0	7.3	.0	
BP 3.04:	SHALL GRAINS OTHER THAN		.0	.0	.0		2. 1	.3	
EP 3.05:	BICE					.5			
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.0	.0	•
BP 3.07:	PEABOTS	•0	.0	•0	.0	.0	.4	.0	•
RP 3.09:	PORAGE, RANGE, 6 PASTUE		.0	.0	.0	2.0	2. 1	•0	•
EP 3.10:	COTTON	3.1	.0	.0	.0	3.1	8.4	.0	.1
EP 3.12:	MEM CROPS & MIMOR OILSE	.0	.0	• 0	•0	.0	4.6	5.2	.1
EP 3.13:		-0	.0	.0	.0	•0	.6	.0	.1
RP 3.14:		•0	.0	-0	.0	.0	2.5	.0	
	VEGETABLE CROPS	•0	.0	•0	•0	.0	• 9	.0	
8P 3.15;	PLINTS TO ENGLACE THE E	.0 THENTOSIENT	-0	•0	•0	•0	3.2	.0	
8P 4.01:	6887	4.6	.0	• 1	-0	4.6	19.7	.0	
BP 4.02;	DAIRY	•0	.0	.0	.0	.0	4.0	.0	

BP 4.03: POULTRY .8 .0 .0 .0 .0 -0 19 4.04: SHERP .0 .0 .0 1.5 -0 .0 EP 4.05: SEINE .0 .0 .0 2.6 .0 -0 RP 4.06: OTEER AWIHALS (HORSES, GOLTS, PRIS, LABORATORI, ETC.) .0 . 1 . 6 BP 5.01: POOD & MOTRITION .0 -0 .0 .0 .0 1.8 RP 5.02: POOD SAPETT .0 .0 .0 . 3 -0 -0 Sold: BOBAL DEVELOPMENT & QUALITY OF PARTIC LIVING .0 .0 .0 .0

BP 5.042 INSECTS APPECTING MAN 6 HIS BELONGINGS .0 .0

RF 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH .0 .0

EF 6.01: FARM ADJUSTMENT, PRICES & INCOME
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PP 6.02: FOREIGH AGRICOLTUBAL TRADE & ECOSONIC DETELOPMENT .0 .0 .0

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TABLE 1-B STATE SCHEAR OF SC	-FEIFBEZ:	12722 10	19 1977		(2	EINTET!
EXSELECT PROGRES SOMMERT						
	125	125	PCS/5 RS	75	TOTAL	2752
RO 6.03: MARKETING 6 COMPRESSION	.0	.0	.0	.0	.0	4.9

			125	125	PCS/5 25	75	TOTAL	5115
RC	6.03:	MPSKELIAC & CORSELIZION	.0	.0	.0	.0	.0	4.9
8 5	7.01:	GENERAL RESOURCE OF TRUBE	10010	.0	. 0	.0	.a	10.9
RE	9.013	UNCLASSIPIED	.0	-0	.0	.0	-0	.0
GE	AND TO	PAL	29.8	6.9	.0	-0	36.7	99.8

BSBARCH	PROGRAM SUMMARY								so
		ARS	225	PCS/SRS	FS	USDA Total	2182	OTH COOP	PORESTE)
P 1.01:	SOIL & LAND USE	2.3	.0	.0	.0	2.3	2.4	.6	٠.
iP 1.02:	WATER & WATERSHADS	1.3	.0	• 0	.0	1.3	.9	.0	.0
P 1.04:	BRAIBORURATUT Ön Fritt	٠0	.0	.0	.0	.0	3.6	1.2	<b>.</b> 0
P 1.05:	WEATHER HODIFICATION FOR A	GRICOLTUR	B & FORI	STBY .0	.0	.0	. 2	.0	.0
P 1.06:	FISH & WILDLIPE	.0	.0	.0	٠.0	.0	1.0	.0	.0
P 2.01:	INTENTORY & APPRAISAL OF PO	DREST RES	ODRCES 0.	.0	٠,٥	.0	.0	.0	.6
P 2.02:	TIBBES HARAGEMENT	.0	.0	• 0	13.2	13.2	.0	.0	4.6
P 2.031	POREST PROTECTION	•0	.0	.0	.0	.0	. 9	.0	. 9
P 2.04:	HABYESTING PROCESSING & MAI	RKETING O	P POREST	PRODUCTS	_0	.0	.0	.0	. 4
P 2,05:	PORRET WATERSHEDS, SOILS,	POLLUTION	.0	-0	.0	.0	. 0	.0	1.9
P 2.06:	POSEST RANGE WILDLIPE 6 PI	HERIBS A	ABITAT I	BYBLOPHENT 0	3.0	3.0	.0	.0	• 9
P 2.07:	FOREST BECREATION & ABSTUB	TO 3 2017	H LANDSO	APE VALORS	1.0	1.0	. 3	•0	.5
P 2.08:	ALTERNATE OSES OF LAND	.0	-0	.0	.0	.0	.0	.0	.0
P 3.01:	CORN	.0	-0	•0	•0	.0	3.6	.0	.0
P 3.02;	GRAIN SORGHOM	. 0	.0	•0	.0	.0	.2	. 0	.0
P 3.03:	WHEAT	•0	•0	•0	-0	.0	. 5	.0	.0
P 3.04:	SEALL GRAINS OTHER THAN WHI		•0	•0	.0	.0	.5	.0	.0
P 3.06:	SOYBEARS	.6	•0	.0	.0	.6	9.3	1.9	.0
P 3.07:	PERKOTS	.0	.0	٠٠	.0	.0	.6	.0	.0
9 3.09:	PORAGE, BANGE, & PASTURE	1.0	.0	.0	.0	1.0	6.1	.0	.0
P 3.10:	COTTON	13.2	.0		.0	13.2	3.1	.0	.0
P 3.11:	70Bacco			.0			4.5		.0
P 3.12:	MEN CHOPS & BINOR OILSEADS	.0	•0	.0	.0	.0		.0	
		.0	.0	-0	-0	• 0	٠١	-0	- 0

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STATE SUMMARY OF SCIENTIST-TRADS POR PT 1977

ABLE V-B

P 4.04: SHEEP

2 4.05: SRIFE

P 4.07: ADDATIC POOD & PERDSTORPS

P 3.13: PROIT 1.0 1.0 .0 .0 .0 .0 10.2 P 3.14: TEGETABLE CROPS .0 .0 -0 12.8 6.3 1.0 P 3.15: PLANTS TO ENHANCE THE BUYINGHERT . 3 .0 -0 .0 43 4.9 .0 P 4.01: BERP .0 -0 .0 5.6 .0 .0 -0 P 4.02: DAIRY .0 .0 .0 . 0 .0 .0 6.5 P 4.03: POULTRY .0 .0 -0 .0 .0 4.1 .0

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-0 -0 - 0 ٠٥ P 5.01; FOOD 6 BUTBITION .0 .0 .0 .0 P 5.02: FOOD SAPETY .0 .0 .0 .0 P 5.03: RURAL DRYSLOPHEST & QUALITY OF FABILY LITING 3.0 .9 -0

P 0.86: OTHER ANIMALS (MORSES, GOATS, PRIS, LABORATORY, RIC.)

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RESELECE PROGRAM SOMEART

		185	B&3	PCS/485	25	USDA TOTAL	SARS
BP 5.04:	INSECTS APPROTING HAN 6 R	IS BELONG	.0	.0	.0	.0	1.1
BP 6.01:	PARH ADJUSTMENT, PRICES &	180088	.0	.0	.0	•0	1.5
RP 6.03:	SERVETING & COMPRESSION	.0	2.0	.0	.0	2.0	3.0
BP 7.01:	GENERAL BESOURCE OF TECHS	OLOGY O	.0	.0	.0	.0	3.1
RP 9.01;	OHCL1SSIPIBD	.0	.0	.0	-0	.0	1.0
GRAND TOT	TAL	35.5	2.9	.0	17.2	55.6	97.8

	PROGRAM SUMBART		BARS FUI	3 PY 1977			(PEIBARY)		11
352464	choose Jourse.	180	30.5		•	USDA		OTH COOP	POSSSTE
1.01:	SOIL & LAND DEB	ABS	BBS	PC9/SBS	P.S	TOTAL	SABS	INSTS	SCHOOLS
1.02;	WATER & WATERSHEDS	-0	• 0	•0	•0	.0	2.8	•0	•0
1.04:	BRAIBORGENTAL OBALITY	• 0	-0	-0	•0	•0	.6	.0	.0
		.7	.0	.0	•0	.7	1.9	1.2	•0
1.05:	TRATHER HODIFICATION FOR AG	*0	-0	•0	-0	.0	. 3	•0	.0
1.06:	PISE & WILDLIPE	•0	-0	•0	.0	.0	. 5	•0	.0
2.01:	INVESTORY & APPRAISAL OF PO	ABST KESO	.0	•0	•0	.0	1, 1	•0	•0
2,02:	TIMBER BARAGEMENT	.0	-0	-0	4.0	4.0	2.8	.0	.0
2.03:	POREST PROTECTION	•0	-0	.0	•0	.0	. 4	.0	.0
2.04:	BARVESTING PROCESSING 8 HAR	RETING OF	POREST	PRODUCTS	•0	.0	.5	.0	.0
2.05;	POBEST WATERSHEDS, SOILS, P	OLLUTION .0	.0	-0	•0	•0	1.2	•0	.0
2.06:	POREST BANGE WILDLIPE & PIS	BBIBS BI	BITAT E	BVBLOPMENT	.0	.0	1. 1	.0	.0
2.07:	PORBST BECREATION & ARSTHET				•0	•0	•6	.0	.0
2.08:	ALTERNATE USES OF LAND		.0	.0		.0	.5	.0	.0
3.01:	COBM	.0			.0				
3.02:	GBAIN SOBGRUN	.0	.0	.0	.0	-0	4.3	.0	•0
3.03:	WRELT	.0	•0	•0	•0	-0	. 3	.0	.0
3.04:		.0 NT	.0	.0	•0	-0	.8	•0	.0
3.06:	SOTREAMS	.0	•0	.0	.0	• 0	1.0	_0	.0
		1.3	.0	.0	0	1.3	6.0	.0	-0
3.09:	PORAGE, HAVOE, & PASTURE	.0	.0	.0	.0	-0	4.1	.0	.0
3.10:	ROTTON	6.6	-0	-0	.0	6.6	5.6	.0	•0
3.11:	TOBLCCO	2.0	.0	.0	.0	2.0	3.6	.0	.0
3. 12:	NES CROPS & MINOR OILSEEDS	. 0	.0	.0	.0	- 0	.2	.0	-0
3.13:	FRUIT	.0	.0	.0	.0	-0	2.1	.0	.0
3.14:	TEGSTABLE CROPS	.0	.0	.0	.0	.0	6.9	•0	.0
3.152	PLANTS TO BUHANCE THE BUYING	THERW?	.0	.0	.0	•0	4.9	.4	.0
3. 16:	BERS & OTHER POLLIBATING INS	BECTS 0	.0	.0	•0	.0	.4	•0	.0
4.012	BERP	1.0	.0	•0	.0	1.0	10.2	• 5	.0
4.021	DATES		.0		.0	1.2	8.0	.0	.0
4.03:	POULTRY	1.2		•0					
9.04;	SHEEP	.0	.0	•0	.0	.0	2,7	.6	-0
4.05:	SHIMB	.0	.0	.0	.0	.0	• 6	.0	.0
4.06:	OTHER ABINALS (HORSES, GOATS	.0 s. pats.	. 0 LABORAT	ORT. ETC.)	•0	• 0	4.8	•0	-0
	AQUATIC POOD 6 PERDSTORPS	.0	.0	.0	•0	.0	. 2	-0	•0
	FOOD & BUTRITION	-0	.0	.0	.0	.0	.4	.0	-0
		•0	.0	.0	.0	.0	3. (	-1	.0
	POOD SAPETY	.0	-0	•0	.0	.0	.4	•1	.0
5.03:	BORYT DEARFORMERL & CONTILL	OP PANIL	.0	.0	.0	4.0	6.0	2.9	.0

BESEFECE	PAOGRAB SURBARY						
	335	WRS	FC\$/\$83	fs	ACED 18707	3113	OTE (
8P 6.01:	Firm addostness, PRICES a INCOME -0	.0	.0	.0	•0	1.2	
RP 6.031	HARRETING & COMPRETEION .0	• 0	.0	.0	•0	5.0	
BP 7.01:	GREERAL RESOURCE OR TECHNOLOGY	- 0	.0	.0	- 0	2.4	
BP 9.01:	QUCLASSIPIED .O	.0	.0	.0	.0	.0	
GRAND TO	TAL 16.8	-0	.0	4.0	20-8	101.0	

(PRIMARI)

TABLE T-8 STATE SOMBARY OF SCIENTIST-TRARS FOR FY 1977

BESBLECH	PROGRAM SUMMARY								
		ABS	BRS	PCS/SBS	FS	US DA TOTAL	SABŞ	OTH COOP IFSTS	POBBS SCHO
BP 1.012	SOIL & LAND USE	3.7	•0	.0	•0	3.7	9.9	.5	
BP 1.023	RATER & WATERSBEUS	17.0	.0	.0	•0	17.0	9.2	.0	
EP 1.03:	BECREATION	•0	-0	.0	• 0	.0	3.0	.0	
RP 1.00:	Englborgehtyr Woyritt	.5	.0	•0	-0	.5	7.7	.5	
aP 1.05;	REATHER SODIFICATION FOR	AGRICULTO	RB & FORB	STRT -0	-0	.4	.5	.0	
RP 1.06:	PISH & WILDLYPB	.0	.0	-0	-0	-0	6.0	.0	
89 1.072	PROOFE SENSING	3.5	• 0	•0	•0	3-5	.3	.0	
RP 2.01;	INTENTORY & APPRAISAL OP	FOREST RE	SOURCES	.0	•0	.0	.3	.0	
89 2.02:	TIMBER BANAGEMENT	.0	.0	.0	+5	.5	2.0	.0	
BP 2.03:	POBEST PROTECTION	-0	.0	•0	•0	-0	2.6	.0	
BP 2.041	HARVESTING PROCESSING & M				•0	.0	.0	.0	
RP 2.05:	POREST WATERSHEDS, SOILS,			•0	•0	.0	.2	.0	
BP 2.06:	FOREST BANGE WILDLIPE & P				4.1	4. 1	.2	.0	
RP 2.07:	POREST RECREATION & ARSIB				.0	.0	.1	.0	
RP 2.08:	ALTERNATE OSES OF LIND	.0	.0	.0					
BP 3.01:	CORN	.2			•0	.0	.2	.0	
BP 3.02:	GRAIN SORGBOR		.0	.0	٠0	.2	2.3	.0	
BP 3.03:	MREAT	2.0	.0	.0	٠0	2.8	10.3	.0	
RP 3.04:	SHALL GRAINS OTHER THAN &		.0	.0	.0	.0	4.1	.0	
BP 3.05:	BICB	•0	•0	.0	•0	•0	2.9	•1	
EP 3.06:	SOYBBANS	4.0	•0	•0	-0	4.0	4.3	.0	
BP 3.07:	PRANUTS	.3	•0	•0	.0	-3	3.0	.0	
BP 3.08:		1.0	.0	•0	.0	1.0	6.9	• 0	
	FORAGE, RANGE, & PASTURE	1.7	.0	•0	.0	1.7	2.8	.0	
BP 3.10:		13.5	.0	•0	•0	13.5	21.1	•0	
	MBN CROPS & HINOR OILSHED	36.2	.0	•0	•0	36.2	19.7	.0	
BP 3.13:		3.2	.0	•0	•0	3.2	1.5	.0	
		10.7	.0	•0	•0	10.7	10.3	.0	
	Vagatible Crops	4.8	.0	•0	.0	4.8	16. 3	.5	
	PLANTS TO ENGLICE THE BUT	.2	.0	-0	.0	. 2	5.0	•0	
RP 4.01:		23.6	.0	•0	.0	23.6	18.2	.0	
8P 4.02:		6.6	-0	.0	.0	8.6	3.7	.0	
BP 4.03:		4.1	•0	•0	.0	4.1	9. 8	.0	
EP 4.04:		2.3	•0	.0	.0	2.3	3.5	.0	
BP 4.05:		2.3	.0	•0	•0	2.3	1.1	•1	
8P 4.06:	OTHER ANIMALS (HORSES, GO	2.3	LABORATO	PET, 32C.)	.0	2,3	2.0	.0	
RP 4.07:	AQUATIC FOOD & FREDSTOFFS	-0	•0	• 0	•0	-0	3.4	.0	
						•			

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BESELECE PROGREE SOURLET

		185	195	PCS/SRS	25	USDA TOTAL	SABS
BP 5.01:	POOD & BUTBITION	.0	.0	-0	<b>"</b> 0	.0	3.7
BP 5.02:	POOD SIPETT	6.8	-0	.0	.0	6.8	•3
RP 5.03:	BUBAL DEVBLOPEERT & QUALL	. O 7 7 2 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	.0	•0	.0	-0	6.0
RP 5.04:	INSECTS APPROTING NAME & BE	IS BELONG	ENG5	-0	.0	.2	. 8
BP 6.01:	PARE ADJUSTMENT, PRICES 6	INCORS	1. 2	.0	.0	1.2	3.1
BP 6.02:	PORBIGE AGRICULTURAL TRAD	E & ECOFO	O DEVE	LOPERTT . O	.0	. 4	
BP 6.03:	BARRETING & COMPSTITION	3.7	3.0	.0	.0	6.7	7.9
RP 7.01:	GBSERAL BESOURCE OF TECHS	5.6	- 0	.0	.0	5.6	8.3
EP 9.01:	ONCLASSIPIED	.0	.0	.0	.0	.0	45.6
GRABD TO	Tal	163.5	4.2	.0	4.6	172.3	272.3

	7-B STATE SUMMARY OF SC	IBNTIST - YBA	BS POI	PY 1977		(#	BIRBRY)		AZ
BESELECU	PROGRAM SUMMART					USDA		4005 RIO	PORESTRY
	5077 6 14ND HOT	ARS	BBS	PCS/3BS	FS	TOTAL	S185	INSTS	SC80015
RP 1.01:	SOIL & LAND USB	• 4	.0	• 0	٠٠.	. 4	7.3	.0	.0
29 1.02;	WATER & WATBREHEDS	.0	.0	.0	.0	.0	1.0	.0	•0
RP 1.03:	BECSEATION	•0	-0	.0	• 0	.0	.1	.0	.0
RP 1.04:	ENVIRONMENTAL QUALITY	•0	.0	-0	.0	.0	4.0	.7	.0
BP 1.06:	FISH & WILDLIPB	•0	.0	.0	.0	. 0	. 5	.0	.0
BP 1.07;	RESOTS SEESING	.0	.0	.0	.0	.0	1.8	.0	٠.0
EP 2.02:	TIMEBR NAMAGRARMS	.0	.0	•0	.0	.0	3.6	.0	•0
BP 2.032	PORRST PROTECTION	.0	.0	.0	•0	۵0	4.5	.0	.0
EP 2.04:	BARVESTING PROCESSING & MA	BESTING OF F	PORBST	PRODUCTS					
BP 2.06;	FOREST RANGE WILDLIPE & PI				.0	.0	5.9	.0	•0
RP 2.07:	POSEST RECREATION 6 AUSTHR	.0 TICS 6 OTH 1	-0 Landsc	.0 APB VALUES	.0	.0	1.9	.0	•0
8P 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.0	.0	-0
aP 2.09:	TECHINICAL ASSISTANCE	.0	•0	•0	.0	• 0	.7	.0	.0
		•0	.0	•0	•0	-0	•0	•0	•0
RP 3.01:	COBM	•0	.0	.0	•0	•0	3.4	.0	•0
RP 3.02:		•0	.0	-0	.0	.0	• 1	.0	.0
BP 3.03:	FRAT	.0	.0	•0	.0	.0	1, 2	.0	.0
3.04:	SHALL GRAINS OTHER THAN WH	.O	.0	.0	-0	.0	1.1	.0	.0
BP 3.06:	SOYBELHS	•1	. 0	.0	.0	.1	5.9	1.2	.0
RP 3.071	PERNUTS	4.9	.0	.0	.0	4.9	2.9	.3	-0
EP 3.09:	PORIGE, BANGE, & PASTURE	1.0	.0	.0	.0	1.0	7,6	.0	.0
RP 3. 101	COTTON	.0	.0	.0	•0	•0	- 3	.0	.0
RP 3. 11:	TOBACCO	2.5	.0	.0	•0	2.5	8.7	.0	.0
BP 3.13;	PROIT								
BP 3.14;	VEGETABLE CHOPS	.0	.0	•0	.0	•0	0.5	.0	.0
IP 3.15:	PLASTS TO BHHAPCE THE SHEET	O. THEREOR	.0	.0	.0	•0	1. 4	4.3	•0
RP 4.011	врир	•0	.0	.0	.0	•0	6.2	.0	.0
RP 4.02;		•0	.0	.0	.0	• 0	9.6	.0	- 0
		•0	.0	•0	•0	•0	7.4	.0	.0
	POULTRY	.0	.0	.0	.0	.0	9.4	1.0	. 0
P 4. Q41	SHEEP	.0	.0	-0	.0	•0	1.7	.0	•0
P 4.05:	SVINE	•0	. 0	• 0	.0	•0	5. 1	.0	.0
19 4.06:	OTERS ANIMALS (HORSES, GOA	rs. Pers, La	BOBAT	ORY, BTC.)	.0	.0	1.4	.0	•0
P 4.07:	AQUATIC FOOD 6 PERDSTUPPS	.0	.0	•0	.0	.0	.5	.0	.0
P 5.01:	FOOD & HOTRITION	.0	.0	.0	.0	.0	6.0	2.0	.0
P 5.02:	FOOD SAFETY	.3	.0	•0	.0	•3	2. 1	.7	.0
P 5.03:	RUBAL DEVELOPMENT & QUALITY	TOF FAMILE		G				•	
P 5.04;	INSECTS AFFECTING MAN 6 HIS			•0	•0	. 4	7.1	1.5	•0
		.0	.0	•0	•0	•0	2.4	.0	-0

TABLE T-B STATE SUBBART OF SCIENTIST-TRACE POR FI 1977

PESSABCS .	PROGRIM SUMBLET						
		185	BRS	PC\$/8B5	75	USDA TOTAL	SARS
RP 6.01:	PARE ADJOSTERRY, PRICES & IF	OHE .	.0	.0	•0	-0	3. 1
BP 6.02;	PORRIGE AGRICULTURAL TRADE &	BCOMOSIC	OBVE.	LOPERNT . O	•0	.0	-0
8P 6.03:	MARRETING & COMPETITION	.0	1.0	.0	.0	1.0	4.2
RP 7.01;	GEFERAL BESOURCE OR TECHNOLO	0 T	. 0	.0	.0	.1	21.9
BP 9.01:	UNCLASSIFIED	.0	. 0	.0	-0	.0	.7
GRAND TOT	al.	9.3	1.4	.0	.0	10.7	162.3

(PRIMARY)

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RESEAR	CH PROGRAM SUMBARY								ŧ
		ARS	RES	PCS/SAS	PS	OSDA TOTAL	SAES	OTH CCOP INSTS	PORESTE SCHOOL
RP 1.0	11: SOIL & LAND USE	4.3	.0	.0	.0	4.3	1. 5	.0	•
BP 1.0	2: WATER & WATERSHEDS	.0	.0	.0	.0	.0	. 4	.0	•
&P 1.0	e: EBYIBONHENTAL QUALITY	.0	.0	-0	.0	.0	3. 7	.0	•
RP 1.0	5: WEATURE HODIFICATION POR	AGRICOLTORS	e Pont	STRY .0	.0	.0	.8	.0	
BP 2.0	2: TIMBER MANAGEMENT	^	•	•			•		

STATE SUMMART OF SCIENTIST-YEARS FOR PY 1977

TABLE Y-B

BP 3.01: COBN

RP 3.03: EREAT

RP 3.05: RICE

BP 3.06: SOTBEANS

RP 3.08: SUGAR

BP 3-11: TOBACCO

RP 3. 13: PAUIT

RP 4.01: BEEP

BP 4.02: DAIRT

SP 4.03: PODLTRY

EP 4.05: SWINE

GRAND TOTAL

RP 5.01: FOOD & BUTBITION

RP 5-02: POOD SAPETT

RP 3.02: GBAIN SORGHUM

EP 3.04: SHALL GRAINS OTHER THAN WIRAT

RP 3.09: POBAGE, RANGE, 6 PASTUBE

BP 3. 12: NEW CROPS & MINOR OILSERDS

RP 3-15: PLANTS TO ENHANCE THE ENVIRONMENT

RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING

RP 5.05: RESERRCE ON ADMINISTRATION OF RESERRCE

BP 6.01: FARM ADJUSTERNT, PRICES & INCOME

RP 7.01: GENERAL RESOURCE OR TECHNOLOGY

RP 6.03: MARKETING & COMPETITION

BP 3.14: VEGETABLE CROPS

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TABLE Y-B STATE SUBDARY OF SCIENTIST-YEARS FOR PY 1977

RESEARCH PROGRAM SUMMABI

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		ARS	BRS	PCS/SR5	rs	USDA TOTAL	SAES	OTH (
RP 1.04:	ERAIBORUSALTT GOFFILL	.4	.0	.0	.0	. 4	.0	
3P 2.02:	JINBES NYAYCENSEL	. 0	.0	.0	.0	.0	•0	
BP 3.02:	GRAIN SONGRON	. 0	.0	.0	.0	.0	. 4	
RP 3.09:	PORIGE, BLUGE, 6 PASTURE	.0	.0	.0	.0	.0	.8	
BP 3.13:	PROIT	.0	.0	.0	٠0	•0	. 9	
#P 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	. 3	
EP 4.01:	beer	.0	.0	• 0	.0	.0	1.0	
BP 4.07:	AQUATIC POOD 8 PEROSTUPPS	.0	.0	.0	.0	.0	1.1	
RP 5.041	INSECTS AFFECTING NAME OF STREET	IS BELOWG!	.0	. 0	.0	.0	.0	
BP 5.05:	BESELECH OF LOSTEISTRITION	OP BESEL	BOEA 0.	.0	.0	.0	.0	
GETAD LOL	41,	.4	.0	.0	.0	- 4	4.5	

(PRIBLEY)

V-B STATE SURMARI O	P SCIRNTIST-11	tabs for	PI 1977		•	PRISIBLE		I
B PROGRAM SUMMERY					USD1		OTE COOP	PORRST
: SOIL & LAND USE	ARS	BRS	PCS/SBS	<b>?</b> 5	TOTAL	SAES	INSTS	SCROOL
	. 6	.0	.3	.0	. 6	-3	.0	
: BECREATION	.0	.0	.0	•0	.0	1.7	.0	
: WEATHER HODIPICATION P	OB AGRICULTURE	. 6 POBBS	.O	.0	.0	. σ	٠.	
: INVESTORY & APPRAISAL	OF POREST RESC	ORCES .0	-0	2.0	2.0	-0	.0	
: TINGER BANAGEBERT	.0	.0	. 0	5.9	5.9	. 0	.0	
POREST PROTECTION	.0	.0	.0	4.9	4.9	-0	.0	
POREST WATERSHEDS, SOI	is, Polition	.0	.0	3. 1	3. \$	.0	.0	
POBEST RANGE WILDLIFB	E PISHBBIBS HA	BITAT DE	FELOPHENT .0	.0	.0	.0	.0	
: ALTEPHATE OSBS OF LIND		.0	.0	•0	.0	.0		
: ROBAT	.0						.0	•
: SHALL GRAINS OTHER THA	N WERAT	.0	.0	.0	.0	. 4	.0	•
: FORIGE, RANGE, & PASTO	.6 BF.	. 0	.0	.0	.6	1.1	.0	•
: SBM CROPS & MINOR OILS	1.6	.0	.0	.0	1.6	.9	.0	•
	.0	.0	.0	•0	.0	.1	.0	•
PROIT	.1	.0	.0	.0	•1	. 4	.0	
FEGETABLE CROPS	1.5	.0	.0	.0	1.5	. 6	.0	
PLANTS TO BUNDANCE THE	BNTIBONEST .5	-0	.0	.0	.5	. 5	.0	
: SBEP	.0	-0	.0	_0	.0	.0	.0	
: DAIRT	.0	-0	.0	.0	.0	1.9	.0	
OTHER ABINALS (HORSES,	GOATS, PETS,	LABORATO	EF, ETC-)	.0	. 3	.0	.0	
BUBAL DETELOPMENT & QU	ALITY OF PARTL	Y LIVING	.0	.0	.0	-7	.0	
: FARM ADJOSTMENT, PRICE		-0	.0	.0	.0	.8	.0	
HARRETING & COMPETITIO		-0	.0	.0	. 9	1.3	•0	
GENERAL RESOURCE OF TE	CHWOLOGY							,
DTAL	.0 6.1	-0 -0	.0	.0 15.9	.0 22.0			

TABLE Y	-B STATE SUSBABL OF S	CIBUTIST-TE	ABS FOR	PE 1977		(F	EIELET)
RESEARCH	PROGRAM SURMARY						
		485	285	PCS/SES	#8	08D1 TOTAL	Sars
BP 1.01:	SOIL 6 LAND OSE	3.8	•0	.0	.0	3_0	13.2
EP 1.02:	PATER 6 NATESBEDS	1.8	.0	•0	.0	1.8	2,9
RP 1.03:	RECREATION	.0	.0	-0	.0	-0	.1
BP 1.04:	BHVIBONUSHTAL GUALITY	16.0	-0	.0	.0	16.0	7.5
BP 1.05:	REATHER HODIFICATION POR	AGRICULTORS	S FORE	.0	.0	-0	1.0
RP 1-06:	PISH & WILDLIPE	.0	-0	.0	.0	.0	.1
BP 2.01:	INVENTORY & APPRAISAL OF	POREST RESC	OUECES	.0	.0	.0	. 5
EP 2.02;	TINGER STATEMENT	•0	-0	.0	5.2	5.2	1.6
BP 2.03:	FOREST PROTECTION	.0	.0	.0	1.7	1.7	.4
BP 2,04:	Babyesting PROCESSING 6 a	ABKETING OF	POREST	PRODUCTS .0	5.9	5.9	1.8
BP 2.05:	POREST WATERSHEDS, SOILS,	POLIDITOR 0	.0	.0	.0	.0	1.5
BP 2.06;	POREST BANGE PILDLIFE & P	13888188 83	d 11116	T#####################################	.0	-0	.0
BP 2.07:	POREST RECREATION & ARSTH	etics 6 ote	LANDSC:	LEBULAY SQL	-0	.0	.7
BP 2.08:	ALTERNATE USES OF LAND	•0	<b>.</b> 0	•0	-0	-0	. 4
BP 3.01:	COSA	26.6	.0	.0	.0	26.6	11.3
2P 3.02:	ORALW SORGBON	4.1	.0	.0	.0	4.1	-7
RP 3.03:	SHEAT	17.8	.0	.0	.0	17.8	.9
BP 3.04:	SHALL GRAINS OTHER THAN W	BRAT 3.9	.0	.0	-0	3.9	.9
RP 3.05:	BICB	.0	.0	•0	.0	.0	. 2
RP 3.061	SOTBRARS	40.0	.0	.0	.0	40.0	18-5
RP 3.08:	SUGAR	.0	.0	•0	-0	•0	.0
RP 3.091	PORIGE, RINGE, & PISTORE	-0	.0	•0	.0	•0	5. 2
BP 3.10:	COLLOR	.0	.0	•0	•0	•0	-1
RP 3.12:	MES CHOPS & MINOR OILSERD		.0	.0	.0	14.5	•1
BP 3, 13:	PRULT	1.0	.0	•0	.0	1.0	5.7
BP 3. 14:	PEGRILBLE CROPS	. 8	.0	•0	.0	•8	5.4
BP 3.151	BITHLE LO BRETECH THE BRA		.0	•0	.0	•0	4. B
EP 3.161	BERS & OTHER POLICEATING		•0	-0	.0	.0	. 6
BP 4.01:	BERF	2.4	•0	.0	•0	2. 4	5.7
RP 4.02:	DAIRT	.6	.0	.0	.0	.6	13. 1
BP 4.03:	POULTRY	.0	.0	.0	.0	.0	1.8
EP 4.09:	SHREP	.2	.0	.0	.0	.2	3.2
		,2	.0	.0	.0	•2	8.6
		ATS, PBTS,					
		.0	.0	•0	.0	• 0	3.7
		.0	•0	•0	•0	.0	2

8.2

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TABLE F-B STATE SUMMARY OF SCIENTIST-TRANS FOR PT 1977

(PRIMARY)

ESSEERCH PROCEEN SUNNERS

		ARS	BAS	PC5/883	PS	USDA TOTAL	SARS	OTH COOP
19 5.02:	POOD SAPBTY	26.3	.0	٠0	.0	26.3	1.3	.0
PP 5.03:	BURAL DEVELOPMENT 6 QUA	LITY OF PART	-0	. O	-0	.0	7.8	.0
20 5.05:	RESEARCH OF ADBIBISTRAT	O CE SESE	BCH .0	.0	.0	.0	.2	.0
29 6.01:	FARE ADJUSTMENT, PRICES	8 INCORB	.7	.0	.0	.7	9.7	.0
20 6.02:	POSSIGN AGBICGLTUBAL TO	1.4	11C DEFEI	OPHENT . O	.0	1.4	.5	.0
BP 6.03:	ALBERTING & COMPETITION	.0	3.9	.0	.0	3.9	4.7	.0
29 7.012	GENERAL RESOURCE OF THE	BHOLOGT 21.7	.0	.0	.0	21.7	10.3	.0
EP 9.01:	UNCLASSIFIED	•0	.0	.0	.0	.0	.5	.0
GRAND TOT	AL	191.2	4.6	•0	12.8	208.6	163.7	.0

BESEERCH PROGRES SURBERT

BESELECH	PEDGRAG SURBARY							
		289	295	PCS/889	PS	TOTAL	8185	OTH CO
BP 1.01:	SOIL & LAND USB	.6	• 0	•0	.0	. 6	6.9	
BP 1.02;	WATER & WATERSHEDS	1.4	.0	.0	.0	1.4	3.5	
RP 1.03:	BECESTION	.0	.0	.0	.0	.0	.1	
BP 1.04:	SHAIBOURRHATF ÖGFFILL	3.0	.0	.0	-0	3.0	7.6	
EP 1.05;	WELTHER HODIFICATION FOR A	.0	6 PORE.	STRY .0	.0	.0	1.8	
RP 1.06:	PISE 6 WILDLIPE	.0	• 0	.0	.0	•0	. 0	
BP 1.07:	BBHOIR SEWSIEG	.0	.0	•0	.0	-0	. 3	
BP 2.01:	INTENTORY 6 APPRAISAL OF PO	OBEST BESO	ORCES	.0	.0	.0	1.2	
BP 2.02:	TIMBER BANAGRMENT	.0	•0	•0	.0	.0	2. 3	
BP 2.03:	PORBST PROTECTION	•0	•0	.0	•0	.0	.3	
RP 2.04:	HARVESTING PROCESSING 6 HAN	SERTING OF	FOREST	PRODUCTS	.0	.0	4.7	
BP 2.05:	FOREST WATERSHEDS, SOILS,	POLLUTION	.0	-0	•0	•0	. 9	
RP 2.06:	FOREST RANGE WILDLIPE & PI				•0	.0	1. 3	
RP 2.07:	POREST RECREATION 6 ARSTER				•0	.0	1.2	
RP 2.08:	ALTERNATE OSES OF LAND	•0	.0	.0	.0	.0	.4	
RP 2.09:	TECHINICAL ASSISTANCE	•0	.0	.0	.0	40	.1	
BP 3.01:	CORM	1.7	.0	.0	.0	1.7	12.7	
BP 3.02:	GRAIN SORGEDE	.0	.0	.0	•0	.0	1.1	
BP 3-03:	ARBTI	.8	.0	.0	.0	.8	4.9	
BP 3.04:	SEALL GRAINS CINER THAN WE		.0	.0	.0	.4	. 4	
RP 3.06;	SOTBEARS	3.0	.0	.0	.0	3.0	9.3	
RP 3.08:	SUGAR	•0	.0	.0	.0			
BP 3.09:	FORAGE, RANGE, 6 PASTORE	1.0	.0			.0	.1	
BP 3.12;	NEW CROPS 6 MINOR OILSBEDS	.1		.0	.0	1.0	4_6	
BP 3, 13;	PROIT		.0	.0	۰۵	.1	3.3	
RP 3.14:	VEGETABLE CROPS	2.0	.0	.0	.0	2.0	3.9	
RP 3,15:	PLANTS TO EMBANCE THE SHVIS		.0	•0	.0	1.0	7-1	
BP 3.16:	BESS 6 OTHER POLLIBATIES IN	.0	.0	.0	.0	.0	1.9	
RP 4.01:		•0	.0	.0	-0	•0	,1	
BP 4.02:		. •0	.0	.0	.0	•0	6.5	
EP 4.03:	POULTRY	.0	.0	.0	.0	.0	5.8	
BP 4.04:	SHERP	2.0	.0	.0	.0	3.0	5.6	
ae 4,05:	SHIKE	.0	.0	.0	•0	• 0	1.4	
BP 4.06;	OTHER ANIMALS (BORSES, GOAT	.4 15, PBTS, I	.0 LEBORATO	.0 DBY, BTC-)	-0	. 4	10.5	
RP 5.01:	POOD & NOTRITION	.0	.0	.0	•0	-0	3.1	
	POOD SAPRTY	-0	.0	.0	.0	.0	4.0	
		. 2	.0	.0	•0	. 2	1.5	

TABLE 1-9 STATE SONNABY OF SC	CIENTIST-Y	EARS FOR	PI 1977		(	PRIMABT)		91
BESELECE PROGRAM SOMBARY								Iy
	185	SES	PCS/SBS	PS	USPA TOTAL	SABS	OTF COOR	PORESTRE
BP 5.03: RUBAL DEVELOPMENT & QUALIT	THAT TO PA	.0	-0	.0	.0	5.7	•0	-0
BP 5.00: INSECTS APPECTING MAN 6 HI	.D BBLOWCII	.0	.0	.0	.0	2. 6	.0	.0
BP 6.01: FABN ADJOSTNEHT, PRICES &	INCOMB 0	2.1	.0	.0	2.1	6.0	-0	•0
SP 6.02: FORBIGH AGRICULTURAL TRADE	. D	.0	PRENT . O	.0	.0	1.4	.0	.0
EP 6.03: BARRETING & COMPRISTION	.0	.0	.0	.0	.0	6.4	.0	-0
EP 7.61: GENERAL RESOURCE ON TECHNO	2.2	-0	.0	.0	2.2	32.0	•0	-0
RP 9.01: ONCLASSIPIED	.0	-0	•0	.0	.0	1.4	•0	.0
GRAND TOTAL	19.8	2.1	.0	-0	21.9	176-5	•0	.0

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OTB C

RESEARCH PROGRAM SUMMARY

						USDA	
EP 1.01:	SOIL 6 LANG USE	ARS	885	PCS/SBS	PS	TOTAL	SAES
EP 1.02:	NATER & WATERSHEDS	1.8	.0	-0	.0	t <b>.</b> 8	0.6
		. 3	.0	.0	.0	. 3	3. 4
PP 1.03:	BECEBATION	.0	.0	•0	•0	.0	.0
RP 1.04:	BEVIROFBESTAL QUALITY	.0	.7	.0	•0	.7	5.2
RP 1.05:	PRATURE ECOLPICATION FOR AGE	.O	.0	STB? .0	.0	. 0	1.8
BP 1.06:	PISH 6 WILDLIPE	.0	.0	.0	.0	-0	. 8
RP 1.07:	BENOTE SEVELNG	.0	• 0	•0	.0	.0	.1
BP 2.01:	INVESTORY C APPRAISAL OF FOR	BST RESOU	acas	.0	•0	.0	. 1
BP 2.02:	TINDES BARAGEORPT	.0	.0	.0	.0	.0	2.7
RP 2.031	FOREST PROTECTION	.0	.0	•0	.0	.0	. 2
RP 2.04:	BARTESTING PROCESSIEG & MARK	BTISG OF		PRODUCTS	.0	.0	.0
EP 2.05:	POREST WATERSURDS, SOILS, PO			.0			
RP 2.07:	POBEST RECEBEATION & ABSTRATT				•0	-0	•0
BP 2.08:	ALTERNATE USES OF LAND	.0	•0	.0	.0	• 0	.9
BP 3.01:	CORN	.0	.0	.0	•0	-0	.3
RP 3.02:		9.9	•0	.0	•0	9.9	12.6
		-0	•0	•0	•0	-0	. 8
RP 3.04:	SMALL CRAIDS OTHER THAN WHEA	.5	.0	.0	.0	. 5	2.9
RP 3-06:	SOYBRANS	4.7	-0	.0	.0	4.7	8.9
RP 3.09:	PORAGR, BANGE, & PASTURE	.0	.0	•0	.0	. 0	3.2
BP 3.12:	MRS CROPS & MINOR OILSBEDS	.0	.0	.0	•0	-0	.4
BP 3.13:	PROIT	•0	.0	.0	.0	40	2.4
BP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	1-0
BP 3.15:	PLANTS TO BUILDING THE BUYING	NBBut .6	•0	. 0	.0	-6	3.4
EP 4.01:	BEF	6.8	.0	.0	.0	16.8	7.0
RP 4.02:	DAIRY		.0	.0	.0		
BP 4.03:	POOLTRY	5.2	•••	••	•••	15.2	3.7
BP 4.04:	S888P	B. 4	•0	•0	.0	6.4	2.9
RP 4.05:	SWINE	2. 2	.0	•0	•0	2.2	•3
RP 4.06:	1	1.8	. 0 LBOPAT	.0	.0	11.6	9.0
		1.7	.0	.0	.0	1. 7	1.7
	AQUATIC POOD & PREDSTUPPS	.0	.0	•0	•0	.0	•1
	POOD 6 NUTRITION	.0	.0	.0	.0	.0	3.1
BP 5.02:	POOD SAPETY	.1	• 0	•0	-0	.1	2.9
RP 5.03;	BORAL DEVELOPMENT & QUALITY	op Panily	LITING	.0	.0	.0	7,3
RP 5.04;	INSECTS APPECTING MAN & HIS	•0 Briordiac	.0	.0	-0	• • 0	. 4
BP 5.05;	BESEARCE ON ADMINISTRATION OF	P BESBARCE	.0	.0	-0	.0	1. 2
BP 6.01:	PARE ADJUSTMENT, PRICES 6 INC	0088 1.7	.0	.0	•0	1.7	2.8

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						OSDA		OTH COOP	POREST
		ABS	BRS	PCS/SRS	PS	TOTAL	Sabs	IUSTS	SCRO
RP 6.02:	PORRIGE AGRICULTURAL TRADE	• 0 • BCORORIC	DEVEL	THURGO.	.0	•0	.6	.a	
BP 6.03:	BARRETING & COMPETITION	•0	.0	.0	-0	.0	3.2	.0	
BP 7.01:	GENERAL RESOURCE OR TECHNO	1007 3.0	.0	•0	.0	3.0	6.2	.0	
P 9.01;	ORCLASSIFIED	•0	.0	•0	-0	•0	4.4	.0	
RAND TOT	TAL	78.8	.7	.0	.0	79.5	116.6	.0	

BESBARCH PROGRAM SUMMARY

822 248C8	PROGRE SURGER!					USDA	
		185	288	PCS/S 85	PS	TOTAL	Saes
RP 1.01:	SOIL & LAND USE	2.6	• 0	.0	.0	2-6	4.4
BP 1.02:	WATER & WATERSHEDS	2.2	•0	.0	.0	2.2	9.0
PP 1.04:	BRAIBORGRAIFF ÖNFTLA	.0	-0	.0	.0	.0	3.6
BP 1.05:	BETTHES SODIFICATION FOR TO	BICULTO	RB 6 FORBS	TRT	.0	.3	1.9
BP 1.06:	PISH & WILDLIPE	.0	.0	.0	.0	-0	.8
PP 2.01:	INTENTORY & APPRAISAL OF PO	DBEST RE	SOUBCES	.0	•0.	•0	.0
RP 2.02:	TIMBER NABAGEHENT	-0	.0	.0	.0	.0	2.9
BP 2.03:	POREST PROTECTION	.0	•0	.0	.0	.0	1. 1
BP 2.06:	POREST BANGE PILDLIPE 6 PI		RABITAT DE	FELOPHERT	.0	.0	. 1
BP 2.07:	PORRET RECREATION & ABSTREE	rics 6 o					
ap 3.01:	CORR	.0	-0	.0	.0	.0	.6
BP J.02:	GRAIN SORGEON	4.4	. 2	.0	•0	4.6	8.5
BP 3.03:	WHEAT	2.9	•1	.0	•0	3.0	12.2
BP 3.04:	SHALL GRAINS OTHER THAN PHE	11.7	.2	•0	.0	12.0	17.7
BP 3.05:	Bics	1.7	•1	.0	-0	1.8	1.3
		3.0	.1	.0	.0	2.1	.0
BP 3.06:	SOTBELVS	.8	•0	.0	.0	.8	6.2
RP 3.08:	S0G18	.0	.0	.0	.0	-0	-8
BP 3.09:	PORACE, RINGE, & PASTURE	1.0	.1	.0	.0	1. 1	11.2
8P 3.12:	MEG CROPS & MINOR OILSERDS	.0	.0	-0	.0	.0	. 4
BP 3.13:	PBUIT	.0	.0	.0	.0	.0	3.5
RP 3.19;	VEGETABLE CROPS	.0	-0	.0	.0	.0	2.8
PP 3.15:	PLANTS TO ENGLACE THE SHYLE	OPERT.	.0	.0	٠.0	.0	2.9
RP 3.16:	BEES & OTHER POLLIFATING IN	SECTS	.0	.0	.0	.2	. 1
BP 4.01:	BERP	. 2	.0	.0	.0	.2	15.3
RP 4.02:	DAIRY	.0	.0	•0	.0	.0	8.6
RP 4.03:	POOLTRY	.0	-0	.0	.0	.0	6.4
RP 4.04:	SHEEP						
BP 4.05:	SVINE	•0	•0	.0	.0	-0	3.1
90 # 06t	OTHER ABINALS (RORSES, GOAT	.O S, PBTS	.0 , LABOBATO	.0 BY. PTC.)	10	•0	3.9
	QUATIC POOD & PREDSTUPES	.0	_0	.0	.0	-0	1.2
	GOD & MUTRITION	.0	.0	•0	.0	.0	1.2
	OOD SAFRIT	.5	.0	•0	-0	.5	3.5
		.9	.0	.0	-0	.9	1.3
	URAL DEVELOPMENT & QUALITY	.0	.0	•0	-0	.0	9.7
	USBCTS APPROTING HAN 6 HIS	-0	.O	•0	•0	•0	.9
	ARE ADJUSTMENT, PRICES & I	1.1	.0	•0	•0	1.1	2.6
	ORBION AGRICULTURAL TRADE	e ECONO	.0	·0	-0	.0	3.7

6.03: ALEXETING & COMPRETITION	2.7	2.1	.0	.0	4.8	4.4	.0	1
7.01: GEEBBAL RESOURCE OR TECH	101091	• 0	.0	.0	.1	13, 2	•0	-
9.01: DYCLASSIPIED	.0	-0	.0	.0	.0	14.4	.0	
TRD JOSTF	35. 2		•0		38.2	185.6	• 0	•
								ļ
								ļ

ARS BRS PCS/SRS PS TOTAL SARS INSTS SCHOOL

(PRIBLET)

BLE F-B STATE SUBMABY OF SCIENTIST-TRAPS FOR FT 1977

SELECE PROGRAM SOMBARY

INSTARCE PROGRAM SOMMARY

							DEDA	
·P	1.01:	SOIL & LAND USE	195	rrs i	PCS/SES	15	TOTAL	S125 11
P	1.02:	BATER 6 PATERSHEDS	.0	1.0	•0	-0	1.0	5.8
			-0	.0	•0	•0	.0	1. 1
:₽	1.03;	BECBRATION	•0	.0	<b>.</b> 0	-0	.0	2.0
!P	1.04:	BRAISORREALTY CONFISA	•1	_0	• 0	.0	.1	10.9
ŧ₽	1.05:	BEATHER HODIFICATION FOR A	OBICOLTOB:	6 PORES	.0	.0	-0	.4
ŧ₽	1.061	FISH & WILDLIPS	.0	.0	.0	•0	.0	3.6
1P	1.07:	BBS07B SBESING	•0	.0	- 0	.0	.0	.3
ŧΡ	2.01:	INVESTORY 6 APPRAISAL OF I	ORBST RESC	OUBCES .0	.0	•0	.0	.4
10	2.02:	TIMESS HAVAGESEET	•0	.0	•0	6.4	6.4	3.3
18	2.03:	PORBST PROTECTION	.0	•0	.0	5.9	5.9	1,5
ΙĐ	2.04:	DARVESTING PROCESSING & MA	BERTING OF	P POBEST I	PRODUCTS			
ıρ	2.051	POREST WATERSHEPS, SOILS,		.0	•0	4.0	4.0	2.4
ıΡ	2.061	POBEST BANGE WILDLIPE 6 FI	.O SUBRIBS 8:	.0 MU TAT DRI	.0 FELOPHENT	2.6	2.0	.1
			.0	.0	•0	•0	.0	. 2
	2.07:	PORRST BECREATION 6 ABSTRE	.0	.0	.0	•0	• 0	.7
15	2.08:	ALTERNATE USES OF LAND	.0	٠٠ '	.0	•0	.0	1.0
IP	3.01:	COBN	•0	.0	•0	.0	-0	3.7
ŧ₽	3.02:	OBAI# SORGBON	.0	.0	.0	.0	.0	-0
٤Đ	3.03:	96817	2.3	.0	.0	.0	2.3	4.1
ŧ₽	3.04:	SHALL CRAIDS OTHER THAN WE	2.0	-0	.0	-0	2_0	1.9
12	3.06:	SOYBBANS	.0	.0	.0	.0	.0	1.8
ł P	3.08:	SOGAR	2.0	.0	•0	.0	2.0	.3
ŧ₽	3.09:	PORAGE, RANGE, & PASTURE	.0	.0	.0	.0	-0	3.5
í₽	3. 12:	MEW CROPS 6 MINOR OILSEEDS		.0	.0	.0	.0	.2
1P	3. 13:	PRUIT						
ŧ₽	3.14:	VEGETABLE CROPS	3.5	•0	.0	•0	3.5	18.0
ą,	3. 15:	PLANTS TO BUHANCE THE ENVI	1.8 ROMMENT	.0	-0	.0	1.8	12,9
			.0	.0	.0	-0	.0	5, 9
		BEES & OTHER POLLIMATING I	.0	•0	•0	•0	.0	.2
	4.01:		.0	•0	•0	•0	.0	2.0
1P	4.02:	DAIST	•0	.0	.0	.0	.0	15.3
16	4.03:	BOOTIBA	10.0	.0	.0	.0	10.0	5.2
1P	4.04:	3H88P	.0	-0	.0	-0	.0	.6
18	4.05:	SWIFE	.0	-0	.0	.0	.0	5.3
t <b>P</b>	4.96:	OTHES ANIMALS (HORSES, GOA	75, PETS,	LABORATOR	17, BTC.)	.0	.0	3.3
1P	4-071	AQUATIC FOOD & PREDSTOFFS	.0	.0	.0	.0	-0	.4
12	5.011	FOOD & NOTEITION	.0	•0	.0	.0	.0	6.5
19	5.02:	FOOD SAFBTY	.0	.0				
			••	.0	•0	.0	-0	3.1

1000		STATE SOURTER	OF SCIBBTIST-	TRABS POI	R FE 1977		(P	BIHART	RE
SBARCE	PROGRAM	SUMMABY							81
			185	BRS	PC8/SRS	75	TOTAL	SAES ANN ARBOR	BOUGHTON

TOTAL	TOTAL SAE	SORET ERF E	BOUGETOR
• •0	.0 8.	5 .0	.0
.0	.0 .	3 .0	.0
.0	.0 .	2 .0	.0
.5	.5 5.	3 .0	-0
• • •	.0 1.	2 .0	.0
	.0 3.	5 .0	<b>.</b> 0
.0	.0 21.	7 .0	.0
	.0 .	0 .0	.0
42.3	42.3 168.	3 5,3	13.9

OT

						DSDA	
	0011 6 7340 004	ABS	223	FCS/385	<b>P</b> 5	TOTAL	SIES
BP 1.01:	SOIL & LAND OSE	4.8	-0	•0	•0	4.8	7.2
BP 1.02:	WITER & WITERSARDS	5.8	-0	-0	-0	5.0	1.3
BP 1-03;	BECREATION	.0	-0	.0	-0	.0	.0
BP 1.04:	BRAIBORRERIFF GOYFIAL	5.5	•0	-0	-0	5.5	4.6
BP 1.05:	METHER HODILICATION LOR	AGRICULTO	DE 6 POBES	TRY . O	.0	.3	1.3
RP 1.06;	PISH & GILDLIPS	.0	.0	.0	.0	.0	3.0
BP 1.07:	PBHOTE SEVELEG	.0	.0	.0	•0	.0	.2
BP 2.01:	INVENTORY 6 APPRAISAL OF	POREST BI	BSOORCBS				1.3
BP 2.02:	TIMBER MARAGEMENT	.0	-0	.0	6.0	6.0	
BP 2.03:	POBEST PROTECTION	.0	•0	-0	9.0	9.0	€.7
2P 2.09:	HARVESTING PROCESSING 6 M	.0	.0	.0	7.8	7.8	1,4
		.0	.0	. 0	4.0	4.0	6.7
BP 2.05;	POREST FATZRSHEDS, SOILS,	.0	.0	.0	3.6	3,6	1.5
BP 2.06:	POBEST RANGE WILDLIPE & P	.O	.O	.0	. 4	.4	1.4
BP 2.07;	POBEST RECEENTION & ABSTE	BTICS & C	.0	PB VALUES	1.0	1.0	1.9
RP 2.08:	ALTERNATE USBS OF LAND	-0	.0	-0	3.0	3.0	1. 1
RP 3.01:	CORN	•1	-0	.0	.0	.1	7.7
1P 3.03:	EBELT	3.7	.0	.0	.0	3.7	1.8
BP 3.04;	SHALL GRAINS OTHER THAN N	88AT 2.6	.0	.0	.0	2.6	5.3
BP 3.05:	BICE	.0	.0	.0	.0	.0	2.9
BP 3.06:	SOTBBANS	1.0	.0	•0	•0	1.0	5.7
EP 3.09:	POBAGE, BANGE, 6 PASTURE	5-0					
#P 3.121	MEN CROSS & RIBOR OILSEED	S	.0	•0	-0	5.0	4.9
RP 3.13;	PAULT	•0	-0	.0	.0	.0	3.7
RP 3.14:	VEGETABLE CROSS	-0	.0	.0	.0	.0	1.3
RP 3.15:	PLANTS TO BUBLICE THE BAY	2.5	•0	. 0	-0	2.5	11.1
		.0	.0	. 0	.0	.0	6.5
	BEES 6 OTHER POLLIMATING	.0	•0	.0	.0	.0	•5
	abbr	.0	.0	. 0	-0	.0	3. 2
RP 4.02:	DEIBI	.0	.0	.0	.0	.0	10.0
RP 4.03;	BOATIER	.1	.0	- 0	.0	.1	6.4
BP 4-04;	S828P	.0	.0	-0	.0	.0	2.7
RP 4.05:	SFINE	.0	.0	.0	.0	.0	6.3
RP 4.06:	OTHER INTHALS (HORSES, GOL	ATS, PETS	, LABORATO	BY, BTC.)	.0	.0	.5
RP 4.07:	AQUATIC POOD & PEEDSTUFFS		.0	.0	.0	.0	. 2
RP 5.01:	POOD & WOTRITION	.0	.0	.0	•0	.0	7.7
RP 5.02:	FOOD SAFETY	.5					
RP 5.03;	RUPAL DEVELOPMENT & QUALIT	TT OF PAS		.0	.0	•5	3,3
		.0	.1	-0	.0	.1	13.3

TABLE W-B STATE SUBMART OF SCIENTIST-TEARS FOR FY 1977

(PRIBART)

RESEARCH PROCESH SUBBARY

BRETACH	SHOCKED PAGDER!								
		183	PRS	PC5/885	PS	USDA	5125	OTH COOP	FORRS
P 5.04:	INSECTS APPROTING HAR	o als briones	ves	.0	. 0	•0	2. 0	.0	
P 5.05:	BESEARCH OF ADMINISTR	ATION OF RESEA	RCH . O	.0	.0	•0	1.1	.0	
P 6.011	PARE ADJUSTERNT, PRIC	es & INCOME 0.	. 6	-0	.0	.6	1.6	.0	
P 6.02:	FORBIGN AGRICOLTURAL	TRADE & SCONOR	.O	. 0	. 0	.0	.9	.0	
P 6.03:	ENERGTING & COMPETITI	1.9	1. 1	1.4	.0	4.4	3.5	.0	
P 7.01:	GENERAL RESOURCE OR T	.e ECHAOLOGA	•0	.0	. 0	. 6	14.2	.0	
P 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	. 2	.0	
BLED TO	AL	34.3	2.0	1.4	34.8	72.5	168.0	.0	

		ARS	BES	PC5/813	75	USDA POTAL	5183
RP 1.01:	SOLF & FFED ORS	1.2	•0	•0	.0	1.2	3, 1
BP 1.02:	PATES & PATERSONS	5.6	.0	.0	-0	5-6	1.5
BP 1.03:	RECEBATION	.0	.0	.0	.0	•0	.3
BP 1.0%;	BRAIEONNERLY GOTTILL	2.2	.0	•0	.0	2.2	2.9
RP 1.05:	SBATEER SODIFICATION FOR A	GBICOLTO	BE & PORES	.0	.0	- 0	2.3
BP 1.06:	PISH & WILDLIPB	. 0	.0	•0	•0	.0	.5
EP 1.07:	BESOTS SEESING	•0	.0	.0	.0	.0	.0
EP 2.02:	ZIHBBE BAWAGBHENT	.0	.0	.0	4.8	4.8	3.4
BP 2.03:	POREST PROTECTION	.0	.0	-0	.0	.0	.6
8P 2.04:	HARVESTING PROCESSING & MA	OKETING O.	or FOREST	PRODUCTS . 0	.0	•0	4.3
BP 2.05:	FOREST WATERSHEDS, SOILS,	011110	• 0 K	.0	.2	.2	2.0
8P 2.06:	PORRET BANGE WILDLIFE & PI	SHEBIRS	BASITAT DE	THEEOPHERT .0	1.0	1.0	.6
EP 2.07:	POBEST BECEBATION & ABSTHE	1105 & 0	TH LANDSCA	PR VILUES	.0	.0	.0
RP 2.08:	ALTERNATE DSBS OF LAND	.0	.0	.0	.0	.0	.0
RP 3.01:	CORN	6.8	.0	.0	.0	6.8	7.9
89 3.02:	GBAIN SOROBUS	.0	.0	•0	.0	.0	1.4
BP 3.03:	WRELT	1.2	.0	•0	.0	1.2	2.9
BP 3.04:	SHALL GRAINS OTHER TRAN WH	BAT . 1	.0	•0	.0	.1	.7
BP 3.06:	SOYBBANS	4.8	.0	.0	.0	4.8	6.4
RP 3.08;	SUGAR	.0	.0	•0	-0	.0	• 3
BP 3.09:	POBAGE, BANGE, & PASTURE	1.3	.0	.0	.0	1.3	6.9
RP 3.10;	COTTON	.0	.0	.0	.0	.0	4.5
EP 3.11:	TOBACCO	.0	•0	.0	.0	.0	. 1
RP 3.12:	MEM CHODS & HINOR OITS#303	.0	•0	.0	.0	.0	.7
RP 3.13:	PRULT	.0	.0	.0	.0	•0	3, 9
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	1.9
9P 3.15:	PLINTS TO EMBLACE THE SEVEN		.0	.0	.0	•0	1.4
EP 4.01:	BEBS	2.1	.0	.0	-0	2, 1	7.7
RP 4.02;	DAIRY	2.5	•0	•0	.0	2.5	7.8
BP 4.03;	POULTRY	•0	-0	.0	•0	•0	4.8
BP 4.04:	SHEEP	.0	.0	.0	.0	.0	1.2
2P 4.05;	SHINB	.1	.0	.0	.0	.1	3.5
BP 4.06:	OTHER ANIMALS (HORSES, GOAT				.0	.0	1.1
RP 4.07:	AQUATIC FOOD & PREDSTOFFS	.0	.0	.0	-0	.0	.1
BP 5-01:	POOD & MUTRITION	.0	.0	.0	.0	.0	2.9
PP 5.02:	POOD SEPRIT	.1	.0	.0	.0	.1	1.0
		••		••	••	••	

TABLE Y-B STATE SUBBARY OF SCIENTIST-YEARS FOR PY 1977

RP 9.01: UNCLASSIFIED

CRAND TOTAL

(PRISIRT) RESELECE PROCESE SURBLET

		ARS.	BPS !	C3/SB3	75	USDA Total	SABS	OTH COOP	FORE:
19 5.03	S: EURAL DEVELOPMENT & QUALITY	TERME TO TE	1.0	.0	-0	1.0	5.9	.2	
17 5.04	: INSECTS APPECTING NAME 8	S BBLONGS	.0	.0	.0	.0	- 1	.0	
19 6.01	: PARN ADJUSTMENT, PRICES 6	1 acous	1.1	.0	.0	1,1	3.7	.0	
ap 6.02	: YOREIGH AGRICULTURAL TRADI	6 ECOVOR	C DETELOR	O.	.0	, á	2.5	.0	
10 4.03	HARRETING & COMPETITION	.7	.0	•0	.0	.7	4.0	.0	
1P 7.01	B GREEFAL RESQUECE OF TECHNO	B. 1	.0	•0	.0	6.1	0.6	.0	

TIBLE 7-8 STATE SUBBLEY OF SCIENTIST-FREES FOR PY 1977

(PEINART)

SESSECO PROCEEM SUMBERT

00004840	PROCEED SUBSERE							
		ARS	BRS	PCS/SRS	25	USDA TOTAL	8185	BTO
BP 1.01:	MEU OKKI 3 JIOE	1.4	1.0	.0	-0	2.4	5.7	
BP 1.02:	WATER C WATERSHEDS	1.2	-0	•0	•0	1.2	4. 1	
BP 1.03:	BECSETATION	.0	.0	•0	.0	.0	- 1	
EP 1.04:	SHAIBORGEMLT OFFILLLA	8.7	1.6	•0	-0	10.3	2. 9	
BP 1-05:	SETTION HODILICIATION LOS	10BICGLTG	BE 5 FOBE:	.0	•0	- 0	. 2	
BP 1.06:	SIZB & AITOTISS	.0	.0	.0	.0	.0	. 2	
BP 2.02:	TIEBER SINIGENEET	.0	.0	.0	.0	.0	. 9	
EP 2.03:	POSEST PROTECTION	.0	.0	.0	2.0	2.0	- 0	
EP 2-05:	POREST WATERSHEDS, SOILS,	POLLUTION	, o	.0	.0	- 0	1-0	
RP 2.07:	POBEST RECREATION 6 LESTH	.0 0 EXICS	TB LANDSCI	.0	2.0	2.0	•1	
RP 3.01:	COBN	.0	.0	.0	.0	.0	11.6	
8P 3.02t	GRAIN SORGRON	3.2	.0	. 0	. 0	3.2	8-3	
RP 3.03:	Pert	3.0	.0	.0	.0	3.0	6.5	
BP 3.04:	SHALL CRAIMS OTHER THAN W	. O .	.0	.0	.0	•0	1.0	
80 3.06:	SOIBBLUS	.0	.0	.0	.0	.0	5. q	
8P 3.08;	SUCAR	.0	. a	.0	.0	.0	7	
BP 3.09:	PORAGE, SANGE, & PASTURE	5.3	.0	.0	.0	5.3	7,9	
BP 3.12:	WEN CROSS & WINOS OITSERD	.0	.0	.0	.0	.0	.1	
BP 3.19:	FEGETABLE CROPS	-0	.0	.0	.0	.0	5.2	
RP 3.15:	PLANTS TO BERANCE THE ENV.	.S.	•0	.0	.0	.5	2, 9	
3P 4.01;	DEEP	10.2	1.2	.0	.0	11.9	12.4	
BP 4.02:	DAIST	.0	•0	.0	.0	.0	4-0	
BP 4.03:	POOLTRE	.0	.0	.0	.0	.0	4.9	
99 4.04:	BHBSP	6.3	.0	•0	.0	6.3	1.0	
BP 4.05:	SKIMS	7.1	.0	.0	.0	7.1	12. 4	
BP 4.06:	OTHER ANIMALS (BORSES, CO.	ATS, PZTS,	LABORATO .0	81, ETC.) .0	•0	.0	.3	
RP 5.01:	FOOD & BUTBITION	.0	-0	.0	•0	_0	3.0	
BP 5.021	POOD SAPETY	.0	.0	•0	.0	.0	2.4	
BP 5.03:	BUBBL DESELOPMENT & QUALITY	TT OF PARE	DRIFTLE TAL	•0	-0	.1	9.6	
BP 6.012	PARS ADJUSTMENT, PRICES &	1 MCOME	-0	•0	•0	.6	9.5	
EP 6,03:	HARKETING & CONPERTITION	.0	2.3	.0	.0	2.3	3.0	
BP 7.01:	GREERL RESOURCE OR TECHNO	.2	.0	.0	•0	. 2	9.6	
BP 9.01:	OKCLASSIFIED	.0	.0	.0	.0	.0	12.0	
GRAND TOTA	al .	47.7	6.1	.0	9.0	57.8	148,2	

				•					
g 1.01:	SOIL & LAND OSB	5.9	- 3	.0	.0	6. 1	12.7	•0	
P 1.022	FATER & WATERSBEDS	3.6	1.3	•0	.0	5.1	4. 0	.0	
18 1.031	3EC3537109	.0	.0	.0	•0	.0	-0	.0	
6P 1.07:	BAAIBORUBHAFF ÖGFFILA	.0	.0	.0	.0	.0	3.7	.0	
EP 1.05:	WEATHER HODIPICATION FOR AG	.O	6 POBB91	.0	.0	.0	. 4	.0	
3P 1.07:	REBOTE SENSING	.0	.0	.0	•0	.0	. 2	.0	
5P 2.01;	INATHALOSA & Thestist of Lo	BEST RESO	.O	• 0	.0	.0	.0	.0	
RP 2.02:	TIMERE MANAGEMENT	.0	.0	•0	2.0	2.0	.4	.0	
17 2.03;	POREST PROTECTION	•0	.0	•0	1.0	1.0	.3	- 0	
BP 2.05:	POREST WATERSHEDS, SOILS, P	OLLUTION O.	.0	.0	.0	.0	.0	.0	
9P 3.01;	CORE	.0	-0	•0	.0	.0	1, 7	.0	
SP 3.02:	GBFIR SOECHOR	.0	.0	•0	•0	.0	.0	.0	
10 3.03:	TERRE	4.5	.0	.0	.0	4.5	20.4	.0	
3P 3.04:	SHELL GREIKS OTHER THEN THE	. 8	.0	•0	•0	48	8.6	.0	
RP 3.05:	BICE	.0	.0	.0	•0	• 0	.0	.0	
BP 3.06:	SOTBRANS	.0	.0	.0	-0	. 0	. 8	.0	
RP 3.08:	20022	2.0	.0	•0	.0	2.0	2.6	.0	
89 3.09:	PORAGE, BANGE, 6 PASTURE	7.1	.0	.0	.0	7.1	7.1	.0	
9p 3.12:	THE CHOPS & MINOR OILSEBDS	3.5	•0	, 0	.0	3,5	3.9	••	
89 3.13:	18017	.0	.0	.0	•0	• 0	.7	•0	
	TEGRIABLE CROPS	.0	•0	.0	-0	.0	4.5	40	
RP 3. 15:	PLANTS TO EMPLACE THE ENVI	.9	- 0	.0	•0	.9	.5	.0	
EP 4.01:	B225	.5	.0	•0	•0	.5	6.7	.0	
BP 4.02:		.0	.0	•0	•0	.0	1. 2	.0	
	POULTES	.0	.0	.0	.0	.0	. 8	-0	
RP 4.04;		•0	.0	.0	•0	.0	1-8	.0	
BP 4.05:		-0	.0	.0	-0	.0	2.0	.0	
	OTHER ARIBALS (HORSES, GOA	TS, PETS,	LABORATO	DRY, ETC.)	•0	.0	•1	.0	
	FOOD & MUTRITION	4.5	.0	.0	.0	4.5	.2	.0	
	FOOD SEPERT	15.8	.0	,0	.0	15.8	1. 2	•0	
	S RURKL ORFRICARENT & QUALIT	.0	.1	.0	•0	.1	4.3	•0	
	FARN ADJUSTMENT, PRICES &	.0	.0	.0	.0	•0	3. 1	•0	
	FOREIGN AGRICULTURAL TRADE	.0	O DRANT	O.	.0	-0	<b>.</b> 5	-0	
	HARRIES & COMPRISTOR	.0	.0	.0	.0	.0	2.1	.0	
	GEFERAL ERSOURCE OR TECHNO	17.0	•0	•0	.0	17.0	16.3	.0	
	: GECLASSIFIED	.0	.0	• 0	0.	.0 71.0	.0 185.7	.0	
GRAND TO	DISL	66-4	1.6	•0	3.0	/ 1. V		••	

ALLI

PESELSCH PROGRAM SOMBARY

	PROGRAM SUMBARI					*	
		ARS	BRS	PCS/SRS	75	TOTAL	SABS
8P 1.01:	SOIL 5 LAND USB	-8	.0	.0	.0	.8	9.0
IP 1.02:	VATES 6 PATESSEDS	3.6	•0	• 0	-0	3.6	1.2
1.03:	BECREATION	-0	.0	.0	.0	-0	. 6
P 1.04:	BRAIBORNEMATT GOSTILL	2.3	.0	.0	.0	2.3	4.2
P 1.05:	HEATRED HODIFICATION FO	R AGRICULTO	AR & PORM	STET . U	.0	.0	•0
P 1.06:	PISH & WILDLIPE	.0	.0	.0	.0	.0	.5
P 2.01:	INVESTORY & APPRAISAL O	P POSEST DE	SOURCES	.0	•0	.0	.0
P 2.02:	TINDES NAMEGEBRA	-0	.0	.0	1.0	1-0	5.3
P 2.03:	POREST PROTECTION	.0	.0	.0	13.0	13.0	1.2
P 2.04:	HARTESTING PROCESSING 6	HARRETING	OF PORBST	PRODUCTS .0	8.2	8.2	-0
P 2.05:	PORRET PATRESEEDS, SOII			.0	3.0	3.0	.3
P 2.07:	POREST RECEERITION 6 ARS	788TICS 6 0	TH LANDSC		.0	.0	. 1
P 2.08:	ALTERNATE USES OF LAND	.0	.0				
P 3.01:	CORM	•0	•0	.0	.8	. 6	.1
p 3.03:	WHEAT	3.0	-0	•0	•0	3.0	6.9
P 3.04:	SHALL GRAIDS OTHER TOLK	3.0	.0	.0	•0	3.0	1.5
3.061	84446408	• 0	.0	.0	.0	•0	-3
3.08:	SUGAR	. 5	.0	.0	-0	.5	7.6
3.09:	PORIGE, RINGE, & PASTOR	.0	• 0	.0	•0	•0	1. 1
3. 11:	TOBACCO	.0	.0	.0	.0	.0	3.2
		.0	-0	.0	.0	.0	• 6
3, 12:	NEW CROPS & MINOR OILSE	.0	.0	.0	.0	-0	-0
3, 13;	PRUIT	1.5	.0	.0	.0	1.5	6.2
3.14:	VEGETABLE CROPS	1_1	• .0	.0	-0	1.1	9. 1
P 3. 15:	PLINTS TO SUBLUCE TER B	B.3	٠0	.0	•0	8.3	8.3
9 3.16:	BBES 6 OTREE POLLIPATIE	G INSECTS	.0	.0	.0	.0	. 2
4.01:	8387	-0	.0	.0	.0	.0	4.4
4.021	DAIRY	.0	.0	.0	.0	.0	8.7
9 4.031	POULTRY	•0	.0	.0	.0	.0	5.9
9 4.04:	58889	-0	.0	.0	.0	•0	3.0
4.05:	SPIRE	.0	- 0	.0	.0	.0	8.3
P 4.06;	OTHER AVIHALS (HORSES,				•0	.0	.3
4.07:	AQUATIC FOOD & PERDSTOP		.0	.0	.0	.0	. 6
9 5.01:	FOOD & NUTRITION						
P 5.021	POOD SAPETE	1.0	.0	.0	.0	1.0	2.0
P 5.03:	RURAL DEFELOPMENT & QUA				.0	.0	2. 6
	FARM ADJOSTMENT, PRICES	-0	• 0	.0	.0	.0	6,4
		.0	- 0	.0	.0	-0	t.

MELE V	-A STATE SUMBART OF S PROGRAM SUMBARY	-188113T-)	EARS POR P	₹ 1977		(1	Sare184)		11 08
		193	303 1	£8/888	28	USDA TOTAL	5178	0810 111125	FORESTEE
6, 32:	POBBIGH AGRICULTURAL TRAD		FIC DEABTOR	HBWT					
pp 6. 032	HARRIER & COMPETITION	.0	•0	.0	•0	-0	.5	.0	.0
		-0	-0	.0	•0	.0	2. 1	.0	.0
89 7.012	GRARAL RESOURCE OR TECHN	2.7	-0	.0	.0	2.7	3, 6	.0	.0
LP 9.01:	UNCLASSIFIED	•0	.0	.4	.0	.0	.0	٠.	.0
GILID TOT	ar.	27.6	.0	.0	26.0	53.6	117.8		.0
		•							

OTB

BESBARCE PROGRAM SOMMARY

		100	BB S	PCS/SRS	!s	USDA TOTAL	SABS
BP 1.01:	SOIL & LIND OSB	ABS					
BP 1.02:	ULTER & BLIEBSBEDS	.0	.0	•0	.0	.0	4.7
BP 1.03:	BECREATION	•0	.0	• 0	•0	.0	1.4
BP 1.09:	SMAIBO MERATTI GREFILL	•0	. 0	-0	-0	.0	.6
BP 1.05:	WEATHER MODIFICATION FOR A	-0	.0	.0	•0	-0	3.3
		.0	.0	.0	•0	.0	.9
BP 1.06;	PISH & WILDLIPE	.0	.0	-0	.0	.0	.7
RP 2.02:	TIEBES SLVAGESERT	0	.0	.0	.0	- 0	.1
RP 2.03:	POBEST PROTECTION	.0	.0	.0	.0	•0	.3
BP 2.04:	HARFESTING PROCESSING 6 BA	BEETING . O	OP POREST	PRODUCTS _O	•0	.0	. 4
BP 2.06:	POREST BINGE WILDLIPE & PI	SEEBIBS	D. TITIBLE	EVELOPHENT .O	3.5	3.5	.0
RP 2.07:	PORRST BECREATION 6 ABSTER	TICS 6 0	TH LANDSC!	APR VALUES	•0	.0	1.0
RP 2.08:	ALTERNATE USES OF LIND	.0	.0	.0	3.5	3.5	.0
8P 3.01:	COBM	8.5	.0	<b>-</b> 0	٠0	8.5	2.0
BP 3.02:	GRAIN SORGHON	.0	.0	.0	•0	.0	. 2
82 3.03:	WHEAT						
BP 3.04;	SHALL GRAIMS OTHER THAN HE		.0	.0	.0	1.4	3.5
BP 3.06:	SOTBBANS	1.6	.0	•0	•0	1.6	2.6
RP 3.09:	PORIGE, RINGE, 6 PISTURE	-2	•0	.0	.0	-2	.3
BP 3.12:	MBW CROPS & MINOR OILSBEDS	• 3	.0	.0	•0	. 3	6.7
BP 3.13:	PRUIT	-6	.0	.0	.0	.6	1.6
		•0	.0	.0	.0	.0	. 4
BP 3.14:	VEGSTABLE CHOPS	•0	.0	.0	-0	-0	.8
BP 3.15:	PLANTS TO BUHANCE THE RHYI	.O	.0	.0	.0	-0	. 8
BP 4-01:	BREF	.0	.0	.0	.0	.0	9.0
BP 4.02:	DATES	.0	.0	.0	.0	-0	3.7
89 4.03:	POOLTRY	.0	.0	.0	.0	.0	3.0
RP 4.04:	SHREP	.0	.0	.0	-0	-0	2. 4
RP 4.05:	SWINE	. 0	.0	.0	•0	.0	2.6
BP 4.06:	OTHER ANIMALS (BORSES, GOA	TS, PBTS	LABORATO	ORY, ATC.)	.0	.0	. 9
BP 4.07:	AQUATIC POOD & PREDSTOPPS	.0	.0	.0	•0	.0	.2
BP 5.012	POOD 5 RUTRITION		.0				
BP 5.02:	FOOD SAPETY	.0		.0	•0	.0	1.8
RP 5.03:	BURAL DETRIOPERT & QUALIT	.D T OP PAR	FTA TIAIME "O	.0	.0	.0	. 8
	PARE ADJUSTSENT, PRICES &	• 0	•0	.0	•0	•0	4.9
	MARKETIEG & COMPETIZION	.0	.0	.0	.0	-0	2.2
	GREERAL RESOURCE OF TECHNO	.0	.9	.0	•0	.9	1-9
		-2	.0	•0	•0	.2	11.7
	UNCLASSIFIED	.0	.0	.0	.0	-0	4.9
GRAND TOT	AL	12.7	.9	.0	7.0	20.6	81.8

6L2 T-		utist-t	BARS FOR	PT 1977		(2)	ITHABT		
SELECH S	PROGRAM SUMMARY					OSDA		018 C002	
	SOIL & LAND OSB	ARS	BRS	PC\$/\$B\$	PS	TOTEL	8162	IVSTS	SC KGG
		.0	. 9	.0	•0	.9	6.8	.0	
1.02:	WATER 6 WATERSSEDS	.0	.1	-0	.0	.1	•5	.0	
1.03:	RCBBITION	-0	.0	-0	. 0	.0	. 0	.0	
1.04:	BEVIRONBERTAL QUALITY	.0	2.0	_0	.0	2.0	7.4	.0	
1.05:	BEATHER HODIPICATION FOR AGE	ICULTUE	. O . S . S	TRY . 0	.0	. 0	.0	.0	
2 1.06:	risu & elldi.lpb	• 0	.0	.9	.0	.0	4.5	.0	
P 1.072	PEROTE SENSING	.0	۰.0	•0	.0	.0	. 2	.0	
2.01;	THURHTORY & APPRAISAL OF FOR	BST RES	SOURCES	-0	.0	•0	1.0	.0	
P 2.02:	TIEBES SANAGESENT		-0	•0	16.0	16.0	3.1	.0	
P 2.03:	PORRST PROTECTION	.0							
P 2.04:	HARVESTING PROCESSING 6 MARK	.0 BTING (	.0 P PORBST	PRODUCTS	8.0	8.0	4.9	.0	
P 2.05:	FOREST WATERSHEDS, SOILS, PO	.0	.0	.0	89.5	89.5	2.1	.0	
		•0	-0	.0	3.5	3.5	.4	.0	
	FOREST BRCEBATION & ARSTHRTI	.0	• 0	.0	-0	. 0	.0	.0	
P 3.31:	CORR	.0	.0	.0	-0	.0	3.7	.0	
P 3.02:	GRAIN SONGHOR	.0	. 0	.0	.0	.0	.1	.0	
7 3.03:	BEST	. 1	.0	•0	.0	.1	.7	.0	
P 3.09:	SHALL CRAIPS OTERS TRAN PERA	5.9	_0	.0	.0	5.9	1.9	.0	
9.062	SOYBRAYS	.0	.0	.0	.0	.0	2.5	.0	
2 3.07:	PBANOTS	• 1	.0	.0	.0	-1	.0	.0	
P 3.69:	PORAGE, RANGE, & PASTGRE	1.0	.0	•0	.0	1,0	6.9	.0	
P 3.181	TOBLCCO	<b>D</b> .0	•0	•0	•0	.0	.6	-0	
ip 3, 132	PROIT						4, 2		
12 3, 14;	PEGETIBLE CROPS	.0	.0	-0	•0	• 0			
	PLANTS TO BUSINCE THE ENVIR	3.8 DEMENT	_0	.0	.0	3.8	16, 1		
	PIRS 6 OTHER POLLIMATING IN	. 0	.0	.0	-0	-0	2.6	•0	
		4.0	-0	.0	-0	4.0	3.0	.0	
1P 4.67s		.0	.0	-0	•0	.0	3.9	•0	
IP 4.02;	OATEY	.6	•0	.0	.0	.6	13- 1	.0	
P 4.03;	PODLTRY	.2	-0	.0	.0	. 2	4.3	.0	
19 4.041	54269	. 2	.0	.0	.0	. 2	1.2	.0	
P 4.052	SPINB	.0	.0	.0	.0	.0	3.3	.0	
20.06s	OTHER AMINALS (BORBES, GOAT.	s, pb13	, Laborat	ORY, 57C.)	.0	-0	1.5	.0	
RP 4.97:	AQUATIC FOOD & PERDSTOFFS	-0	.0	۰,۵	.0	.0	1. 1	.0	
BP 5.01;	FOOD & NOTBITION	.0	.0	.0	.0	.0	6.8	0	1
PP 5.02;	FOOD SAPETT				٠.0	.0	5, 6		
9P 5.03:	RUBEL DEVELOPMENT & QUALITY	-0 OP PAR	iri tiğin -0	• •					
	INSECTS APPECTING BAN & BIS	-0	-0	. 0	•0	.0	10.0		
	Chambro metadriada num p 879	.G	.0	~0	.0	•0	1.1	• • (	•

TABLE Y	W	IDWTIST-Y	BARS POI	R 21 1977		(1	MINARY)
BESELECE	PROGREE SUMMERT	ABS	125	PC5/823	75	USDA TOTAL	S ARS
RP 6.01:	PARS ADJUSTSERT, PRICES &	.O	.0	.0	.0	.0	2.7
EP 6.02:	PORRIGH AGRICULTURAL TRADE	. 0 . 0	IC DEVE	OPHEST . O	.0	.0	3.9
hp 6.03:	SIRKSTING & COMPETITION	.0	.0	.0	.0	.0	3.7

LOUY 4.8 .0 .0 .0 4.8 25.0 20.7 3.0 .0 117.0 140.7 161.2

EP 7.01: GREEFAL RESOURCE OF TECHNOLOGY 4.8

GRAND TOTAL

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P 4.06: OTERE ABIRALS (BORSES, GOATS, PETS, LABORATORY, BIC-)

P 5.03: EURAL DEVELOPMENT & QUALITY OF PANILY LIVING

9 4.05: FRATHER MODIFICATION FOR AGRICULTURE 6 FORESTRY

P 2.00: BARVESTING PROCESSING & MARKETING OF POREST PRODUCTS

9 2.06; POREST RANGE WILDLIPS 6 PISSESIES RABITAT DEVELOPMENT

P 2.07: FOREST RECREATION & ABSTERTICS & OTH LANDSCAPE VALUES

P 2.01: INVENTORY & APPRAISAL OF POREST RESOURCES

P 2.35: POPEST WATERSHEDS, SOILS, POLLUTION ...

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STATE SUMMARY OF SCIENTIST-YEARS POR PY 1977

LELE W-B

P 1.02: WATER & WATERSHEDS

P 1.04: BSVIRONSESSAL QUALITY

P 1.33: BECREATION

P 1.67: BBHOTB SENSING

P 2.92: TIBBER HANAGEMENT

2 2.03: PORRST PROTECTION

P 2.08: ALTERNATE DEES OF LAND

P 3.04: SHALL CRAINS OTHER THAN RHEAT 2.1

P 3.09: POBAGE, BANGE, & PASTORE

9 3. 12: YEW CROPS 6 BIROR OLLSBEDS

9 3.15: PLANTS TO ENGANCE THE BEVIRONBENT

P 3.16: 8B89 6 OTHER POLLIBATING INSECTS

P 3.02: GRAIN SORCEON

P 3.03: WBEAT

9 3.06: SOYBEARS

P 3.08: SOGAP

7 3.10: COTTON

P 3. 11: TOBLCCO

9 3.13: PRUIT

P 4.01: BEEP

P 4.02: OATET

P 4.04: SEBEP

P 4.05: STINE

P 5.01: FOOD & HOTRITION

F 5.02: 2000 SAPETS

P 4.03: POPLER

P 3. 14: YEGETABLE CROPS

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RP 5.04:	INSECTS APPECTING MAN	lbs	ERS	FCS/SRS	PS	usdi Totil
		o dra BETON	GINGS			
RP 5.05:	BESEARCH ON ADMINISTR	100	•0	•0	.0	.0
		ATION OF RES	BARCH			
RP 6.01:	PARE ADJUSTMENT, PRIC	.0	.0	• 0	.0	•0
	PEIC	ES & INCOME				••
	FOREIGH AGRICULTURAL 2	. 0	-0	-0	-0	-0
		PADE 6 BCONO	HIC DEVELO	DHOM		••
BP 6.03:	MARKETING & COMPETITIO	. O .	.0	.0	-0	- 0
		-0	-0	.0		
	GENERAL RESOURCE OF TR	CHHOLOGY		••	٠0	-0
		.0	•			
GRAND TOTA	L		•0	•0	-0	-0
		61 <b>.</b> 2	2.6	_	_	-0
			***	•0	31.0	94.8

3 7-		:IENTIST-TE	ARS POI	8 PY 1977		(8	BIHABY		R:
LICE P	RGGRAH SOBHARI	MRS	BBS	PCS/SBS	PS	DSDA TOTAL	SARS	OTH COOP	PORESTE
.01:	SOIL & LAND USE	12.6	.0	.0	.0	12.6	23.3	.0	•
.G2:	WATER 6 WATERSHEDS						12.4	.0	•
1.03:	BECREATION	12.5	.0	• 0	.0	12.5			
	ERAIBORREALT OUTTIE	.0	.0	-0	.0	.0	2.8	.0	•1
		21.7	.0	.0	.0	21.7	28.8	.0	• '
1.05:	WEATHER MODIFICATION FOR	.7	.0	.0	-0	. 7	2.7	. a	•
1.062	PISE 6 WILDLIPE	.0	.0	.0	•0	.0	5.7	•0	•
1.07:	BENOTE SENSING	-0	.0	-0	.0	•0	• 2	.0	•
2.01:	INTERTORY 6 APPRAISAL OF	FOREST PESC . O	ORCES.	.0	.0	- 0	5.7	.0	•
2.02:	TIMBER SAPACEMENT	.0	.0	.0	13.8	13.8	4.6	.0	
2.931	POREST PROTECTION	.0	.0	.0	32.2	32.2	10-6	•0	
2.041	HERTESTING PROCESSING & A	ARKETING O	PORES	T PRODUCTS	.9	.9	14.5	.0	
2.051	FOREST WATERSHEDS, SOILS,	POLLUTION	.0	.0	11.9	11,9	2, 1	.0	
2.06:	POREST RANGE WILDLIPE 6 F		BITAT	DEVELOPMENT			2.7	.0	
2.07:	POBEST RECEBATION & ARSTH	.0 ETICS 6 OT	.0 H LANDS	.0 CAPE VALUES	5.0	5,0			•
2.03:	ALTERNATE USES OF LAND	.0	.0	.0	•0	.0	<b>1.</b> 5	.0	•
		.0	.0	•0	5.7	5.7	.5	•0	•
2.09:	TECHINICAL ASSISTANCE	-0	•0	•0	• 0	.0	. 1	.0	•
3.01:	COBI	.7	• 0	•0	•0	.7	1.2	.0	•
3.02;	CHAIN SONGBUH	.0	-0	-0	.0	.0	.2	.0	•
3.03:	RELLT	10.5	.0	.0	.0	10.5	3.7	.0	•
3.041	SHALL GRAINS OTHER THAN W	BEAT .7	.0	.0	.0	.7	2.5	.0	
3.05:	BICE	1.5	.0	.0	.0	1.5	4.0	.0	
3.061	SOFREARS	-7	.0	.0	.0	.7	6.7	.0	
3.08;	20018			.0	.0	7.5	2. 6	-0	
3.09:	FORIGE, BANGE, 6 PASTURE	7.6	.0			10.6	22.7		
3. 10:	COTTON	10-6	.0	.0	.0				
	MEN CHOPS & MINOR OILSEE	9.5	.0	-0	.0	9.5	14. 1		
		3.8	-0	-0	.0	3.6	4.3	• 0	٠ .
	PROIT	39.1	.0	.0	.0	34-1	70. 2	. 0	١ .
3. 14:	TEGETABLE CROPS	27.0	-0	.0	.0	27.0	34.0	.0	
3. 15:	PLANTS TO ENGANCE THE BET	7.808HBH7 7.	.0	•0	.0	.7	15. 1	.0	,
3.16:	BESS & OTRER POLLIMATING	INSRCTS	.0	.0	-0	.0	5.4	.(	1 .
4.01:	8227	.4	.0	.0	•0	.•	11.3		
4.02:	DAIBY	.4	.0	.0	-0	.,	7.9		)
4.03:	POULTRE	6.4	.0		.0	6.4	12.2	•	)
8.Q4:	58889					22.2	5.1		
4.05	STINE	22.2	-0		.0				
	OTERR LAINLES (BORSES, O	.0 0111 DETE	.O.		.0	.0	.5		
			,				3. 1		

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P 4.06: OTHER INTHILS (SORSES, GOATS, PETS, LABORATORY, ETC.)

2P 4.07	: AQUATIC FOOD & PERDSTUFFS	ARS	IRS	PCS/SRS	Ps	USDA TOTAL	Saes
	: FOOD & MUTRITION	-0	•0	0	.0	.0	5.4
RP 5.02	POOD SAPETY	19.9	• 0	-0	.0	19.9	27.2
RP 5.03:	RUBAL DEFELOPMENT & QUALIT	12.5 1 OF FAM	.0	-0	•0	12.5	13.8
RP 5.04:				-0	•0	<b>.</b> 0	17.4
RP 5.05:	RESEARCH OF ADMINISTRATION			-0	-0	. 8	11.5
	PARM ADJUSTMENT, PRICES 6 I		.0	•0	-0	.0	.9
	FORRIGE AGRICULTURAL TRADE		.4 IC DEFENDS	•0	•0	-4	2. 2
RP 6.03:	MARKETING & COMPETITION	16.6	.0	.0	-0	16.6	2.7
EP 7.01:	GREERLL RESOURCE OR TECHNOLO	1.4 GY	J.5	• 0	.0	4.9	5.7
	UNCLISSIFIED 2	1.4	-0	•0	-0	21.4	115,3
esynd Loly		-0	•0	•0	.0	-0	
	257	•6	3.9	٠0	69.4	330.9	1.0 548.3

TABLE V-B

RP 3.08: SUGAR

BP 3. 13; PROIT

BP 4.01: BREF

BP 4.02: DAIRT

BP 4.04: SBREP

RP 4.05: SETHE

RP 4.03: POOLTRY

RP 3-14: TEGETABLE CROPS

RP 3.09: FORAGE, BANGE, & PASTORE

EP 4.07: 1QUATIC FOOD & PREDSTOPPS

RP 5-01: FOOD & BUTRITION

RP 5.02: FOOD SAFETY

ap 3. 15: PLANTS TO BREAKCE THE BRYIRONSENT

SARS INSTS SCHOOL

OSDA TOTAL

					. 00, 0 43	• •		4400	1,0.0	
	30 1-01:	SOLL & LAND USB	6.7	1. 1	-0	.0	7.7	6.7	.0	
	EP 1.02:	WATER & WATERSHEDS	10.8	1.1	.0	•0	11.5	19.1	.0	
	RP 1.04;	ERAIBONNEMATT COFFILE	6.8	1.2	•0	.0	8.0	11.3	.0	
	RP 1.05:	WEATURE SODIFICATION FOR			•	.0	1.4	8.9	.0	
	BP 1.05:	PISH & WILDLIPE		.0	.0	.0	.2	-4	.0	
	EP 1.07:	REMOTE SEESING					_			
	BP 2.01:	INTENTORY & APPRAISAL OF	O POREST RESO	.0	•0	.0	.0	•7	.0	
	BP 2.021		•0	.0.	-0	7.0	7.0	.1	-0	
			.0	• 0	.0	3.0	3.0	•0	•0	
	BP 2.03;	POREST PROTECTION	.0	.0	.0	13.2	13.2	.0	.0	
	RP 2.04;	BARVESTING PROCESSING 6	-0	POBEST (	PRODUCTS	4.0	4.0	.7	.0	
	BP 2.05:	POREST WATERSHEDS, SOILS,	, POLLUTION .	-0	.0	9.4	9.4	•6	.0	
	BP 2.05:	POREST RANGE WILDLIPE & 1	FISHERIBS HA	BITAT DE	SLOPHENT	5.0	5.0	.0	.0	
	EP 2.07:	POBEST RECREATION & ABSTE	BETICS & OTB	LANDSCAN	PE VALUES	2.5	2.5	.1	.0	
	8P 2.08;	ALTERNATE OSES OF LAND	.0	.0	.0	2.0	2.0	.0	.0	
	BP 3.01:	CORM	•0	.0	.0	•0	•0	2.7	.0	
	BP 3.02:	GRAIN SORGRUE	•0	-0	•0	•0	.0	.6	.0	
	BP 3.03;	RESET	.4	.0	•0	.0	.4	7.6	.0	
1	BP 3.04:	SHALL GRAINS OTHER THAN W	BRAT							
1	BP 3.06:	SOTBBANS	-0	-0	.0	.0	•0	3.6	.0	
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RP 4.06: OTRES ANIMALS (RORSES, GOATS, PETS, LABORATORY, ETC.)

RP 5.03: RURAL DEFELOPMENT & QUALITY OF PARTLY LIVING

RP 5.04: INSECTS APPECTING HAR & HIS BELONGINGS .0 .0

RP 5-05: RESEARCE OF ADMINISTRATION OF RESEARCE .0 .0

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	PROGRAM SUMMARY						
		ARS	183	PCS/SBS	PS	USDA TOTAL	
RP 6.01:	PARE ADJUSTMENT, PRICE	.0	2.2	•0	.0	2.2	
BP 6.02;	PORRIGH AGRICULTURAL 1	.0 serve	IC DEVE	LOPBENT . 0	-0	.0	
BP 6.03;	BABRBTING & COMPRTITIO	¥(.	.0	.0	.0	.0	
RP 7.01;	GENERAL RESOURCE OF TI	ecapology 4.2	.0	.0	-0	4.2	
RP 9.01:	UNCLESSIFIED	.0	.0	•0	-0	.0	
GRAND TOT	PAL	48.5	5.5	.0	46.0	100.0	

TABLE	Y-B STATE SUMBARY OF S	CIENTIST-T	BARS POI	Pt 1977			(PRICARY)		98
BESBYECH	PROORAN SONKARY								ex
		ARS	ERS	PCS/SRS	PS	USDA TOTAL	5185	OTH COOP	FOREST ST SCROOLS
ee 1.01:	SOIF E TYMD 088	.0	.0	.0	.0	.0	4.9	.0	. a
BP 1.02:	WATER & WATERSREDS	.0	.0	.0	.0	.0	1.3	.0	.0
RP 1.04;	ENVIRONMENTAL QUALITY	.0	.0	0	٥	4	, ,		
BP 1.05:	WEATHER HODIFICATION FOR A	OBICULTOR	E 6 PORE		.0	.0	2.1	.0	.0
8P 2.01:	INVENTORY & APPRAISAL OF 1	.0 POPEST RES	.0 OURCES	.0	.0	.0	.3	.0	-0
SP 2.02:		.0	.0	•0	. 5	. 5	.0	-0	.0
	TIMBER MANAGEMENT	.0	.0	-0	5.2	5.2	.6	.0	.0
2P 2.03:	FOREST PROTECTION	.0	.0	.0	2.0	2.0	. 9	.0	.0
88 2.04:	HABVESTING PROCESSING 6 HA	PRETING OF	POREST	PRODUCTS .O	.0	.0	1.0	.0	. 0
BP 2.05:	POREST WATERSHEDS, SQILS,		.0	.0	1.5	1.5	. 4	.0	-0
RP 2.06:	POREST PANGE WILDLIFE & FI	SHEBIES 41	DITAT D	EVELOPMENT .0	1.9	1.9	.0	.0	-0
BP 3.01:	COBX								
89 3,02:	CRAIN SORGHUB	:0	.0	•0	•0	.0	2.9	.0	.0
FP 3.05:	BICB	•0	.0	.0	.0	.0	.1	•0	•0
		.0	.0	.0	•0	•0	•0	.0	•0
29 3.06:	SOYBRANS	•0	.0	.0	.0	.0	.6	.0	.0
EP 3.08:	SUCLE	2.2	.0	.0	.0	2.2	2.2	.0	-0
EP 3.09:	POBAGE, BANGE, & PASTURE	-0	.0	.0	.0	.0	4.1	.0	-0
BP 3.12:	REW CROPS & BINOR OILSERDS	.0	.0	.0	.0	.0	1.9	.0	.0
EP 3.13:	PRGIT	10.9	.0	.0	.0	10.9	21.4	.0	.0
EP 3.19:	VEGETABLE CROPS								
BP 3.15:	PLANTS TO BUNLACE THE BAYL	.9 ROMBBUT	-0	-0	.0	.9	10.4	.4	.0
EP 4.01:	BBEP	.0	•0	-0	•0	.0	10. 1	.0	.0
		.0	.0	.0	.0	.0	2.7	.0	-0
2P 4.02;	DATRY	• 0	.0	.0	.0	.0	1.6	.0	.0
BP 4.03:	POULTRY	•0	.0	.0	.0	•0	2.2	.0	.0
RP 4.05:	SHIEB	.0	.0	.0	.0	.0	- 6	.0	_0
BP 4.06:	DTERR ANIMALS (HORSES, GOAT	is, pets, i	Liborito	27, 27C.)					
RP 4.07:	AQUATIC FOOD 6 PBBDSTUPPS	.0	•0	.0	•0	•0	•4	.0	.0
P 5.01:	FOOD & RUTRITION	•0	.0	.0	•0	.0	• 5	.0	.0
IP 5.02:	FOOD SAPETY	•0	• 0	•0	•0	•0	4-5	•0	.0
		•0	•0	•0	.0	.0	4.2	.0	.0
	RUPAL DEVELOPMENT & QUALITY	OF PARILI	.O	.0	.0	.0	2.6	•0	.0
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TO SOURCE PORRIGH AGRICULTURAL TRADE & ECOROBIC DETRICOPMENT

10 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING

10 0 0 0

10 5.04: IMPROTE APPECTIVE HAW & HIS DELONGINGS

10 0 0 0

10 5.05: RESHARCE ON ADMINISTRATION OF RESEARCE

10 0 0 0

10 6.01: FARM ADJUSTMENT, PRICES & INCOMP

10 6.02: PORRIGH AGRICULTURAL TRADE & RECORDED DETRICOPMENT

10 0 0 0

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P 6.03: HARRETING & COMPRETITION

P 9.01: DECLASSIPIED

RAND TOTAL

P 7.01: GENERAL RESOURCE OF TRESPOSOR?

		ARS	\$2S 1	CS/SBS	PS.
BP 1.01:	soil e lind usa	6,5	•0	<b>.</b> 0	.0
8P 1.02:	WATER & WATERSHEDS	11.2		.0	.0
BP 1.03;	BECERATION		• 0		
BP 1.04:	SUVIDOURBUTAL QUALITY	.0	.0	.0	.0
BP 1.05;	SELTHER MODIFICATION FOR A	4.5 SGRICULTOBE	.G 6 PORBS1	.0 PBY	.0
BP 1.06:	PISA 6 WILDLIPE	.0	-0	.0	٠٥.
RP 2.01:	INVENTORY & APPRAISAL OF A	•Q	.0	•0	•0
		.0	.0	.0	-0
BP 2.02:	TIMBER MANAGEMENT	•0	.0	•0	9.4
RP 2.03:	POREST PROTECTION	.0	.0	.0	7.5
RP 2.04:	HARPESTING PROCESSING 6 H	BKBTING OP	POSEST E	PRODUCTS .0	.0
RP 2.05:	PORBST WATERSARDS, SOILS,	.0	.0	.0	4.1
89 2.06:	PORRST PANGE MILDLIPS & PI	SBERIES NA	est tatie 0.	BLOPHENT 0	2,0
BP 2.07:	PORRST BECREATION & RESTRI	TICS & OTU	LAMOSCA!	R VALUES	.0
29 3.011	CORK	•0	.0	.0	.0
89 3.02:	CBAIN SORCHUR	.0	-0	.0	.0
89 3.03:	PHENT	1, 1	• 0	.0	.0
8P 3.04;	SHALL GRAINS OTHER THAN RE		.0	.0	
BP 3.06:	SOTBBANS				-0
RP 3.08:	SUGAR	•0	.0	•0	•0
BP 3.09:	PORAGE, RANGE, 5 PASTORE	•5	.0	.0	•0
BP 3.12:	HER CROPS & MINOR OILSBEDS	1-8 i	.0	.0	.0
RP 3, 13:	FROIT	.0	.0	-0	•0
8P 3.14:	VEGETABLE CROPS	.0	.0	.0	.0
		2.5	.0	• 0	.0
RP 3. 15:	PLANTS TO PHRANCE THE BOYL	.0	.0	.0	.0
RP 3.16;	BEES 6 OTASE POLLIBATING 1	.0	.0	•0	•0
RP 4.01;	DEBP	.0	.0	•0	.0
RP 4.02:	DAIRT	.0	.0	•0	.0
8P 4.03t	EGULTRE	.0	•0	•0	.0
RP 4.04:	SEEEP	5.0	.0	.0	•0
29 4.06:	OTHER BRIEFFS (HOUSES, CON	TS, PBTS, 1	ABORATOR .0	17, BTC.)	.0
99 5.01;	NOITIBIES S GOOS	.0	.0	.0	-0
BP 5.02:	POOD SAPBTY	.0	.0	.0	۰0
BP 5.03:	BOBAL DEVELOPMENT 6 QUALIT			.8	.0
RP 5.04:	INSECTS APPROTING MAN & HI	S BELONGING	39		
BP 5.05:	BBSRARCH ON ADMINISTRATION			•0	.0
BP 6.01;	PARS ADJUSTMENT, PRICES 6		• D	.0	.0
		.0	-0	•0	.0

		ARS	RES	PC 9/585	PS	USDA TOTAL	5185	OTE COOP	FORESTS
6-02:	FOREIGH AGRICULTURAL TRE	DE 6 ECONOM	1C 05781	LOPMENT . O	.0	.0	.9	.0	
6.03:	HARRETING & COMPRESSION	.0	-0	.0	.0	.0	1.1	.0	
7.01:	GRHERAL RESOURCE OF TECH	- 0 IROTOCA	.0	.0	.0	. 0	3,5	.0	
9.01:	UNCLASSIFIED	.0	.0	. 0	.0	. 0	.6	.0	
ND TOT	å L	34.0	.0	.0	23.0	57.0	76.4	.0	25.

(PSICART)

LE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

BIRCH PROGRAM SUMBART

RESEARC	B PROGRAM SUMMARY	extist-	YEARS PO	B Pr 1977		
BP 1.01	: SOIL & LAND USE	ABS	EBS	PCS/SBS	PS	USD) Total
		4.3	-0	• 0	•0	4.3
		2.9	.0	-0	.0	2.9
RP 1.04:	ENVIRONMENTAL QUALITY	.0	-0	•0	-0	-0
	WEATHER HODIFICATION FOR AGRI	.O ICULTURA	.0	•0	-0	.0
	FISH & WILDLIPE	-0	.0	-0	-0	- 0
RP 2.01;	INVENTORY & APPRAISAL OF FORB	.0 ST RESO	.O	-0	.0	.0
	TIMBER HARAGEMENT	.0	.0	•0	. 9	49
BP 2.03:	POREST PROTECTION	•0	•0	-0	5.0	5.0
BP 2.04:	BARYESTING PROCESSING & MARKET	.O CING OP	PORRET I	.0	24.5	24.5
		0	.0	acoucts	0.5	

RP 2-05: FOREST WATERSHEDS, SOILS, POLLUTION PP 2.06: FOREST RANGE WILDLIPE & PISHERIES BABITAT DEVELOPMENT .0 .0 .0

RP 2.07: PORRST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES .0 .0 .0 RP 2.08: ALTERNATE USES OF LAND

EP 2.09: TECHINICAL ASSISTANCE

RP 3.04; SHALL GRAIMS OTHER THAN WHEAT 1.1

BP 3-15: PLANTS TO BEHANCE THE REVISIONARY

RP 3-09: PORAGE, RANGE, & PASTURE

RP 3.12: MEN CROPS & HINOR CILSERDS

EP 3.01: CORN

EP 3.03: WHEAT

RP 3.08: SUGAR

BP 3.13: FROIT

RP 4.01: BEEF

BP 4.02: DAIRY

RP 4.03: POULTRY

RP 4.04: SHEEP

RP 4.05: SWINE

RP 5.01: FOOD & MUTRITION

RP 3.14: VEGETIBLE CROPS

RP 3.02: GRAIN SORGEON

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PP 4.06; OTHER ANIHALS (HORSES, GOATS, PRTS, LABORATORY, RTC.)

OBST. DEARTODHEAL & GRAFILL OS LYRITA FLAIRE

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	ARS	BRS	PCS/SRS	?5	OSDA Total	5183	OTH CORP 18518	PORES:
7.01: GERERAL RESOURCE OR	TECHNOLOGY . 0	.0	.0	.0	.0	1.5	•0	
ISD TOTAL	25.0	.0	.0	53.6	78.6	65.3	.0	4

88581868	PROCERU ZORBYKI						
	•	<b>88</b> 5	ERS	FCS/\$BS	PS	USDA TOTAL	ន៖
BP 1.01:	SOIL & LAND USB	.0	.0	•0	+0	.0	1
BP 1.02:	WATER 6 WATERSHEDS	.0	.0	.0	.0	-0	1
BP 1.03:	BECREATION	•0	.0	.0	.0	.0	
BP 1.04;	BUVIBORMENTAL QUALITY	•0	.0	•0	.0	-0	
2P 1.05:	REATRER MODIFICATION POS	AGRICULTUE	RE 6 PORE	STRT .0	•0	-0	
BP 1.06:	PISE & WILDLIPS	.0	.0	.0	.0	•0	
BP 1.07:	DENOTE SENSING	.1	.0	.0	.0	. 1	
BP 2.01:	INARALORI & PASSTIRIT ON			.0	1.2	1.2	
BP 2.02:	TIMBES SANAGEMENT	.0	_0	.0	.0	•0	
BP 2-03:	POREST PROTECTION	.0	-0	.0	.0	.0	
BP 2.05;	POREST WATERSHEDS, SOILS	, sorretion	1				
BP 2.06:	POREST RANGE WILDLIPE &	.O FISHBRIBS 6	0. 0 <b>Ti</b> tloii		.8	.8	
BP 2.07;	POBEST RECORATION & ABST	.0 Batics & oi	.O Landsc	.0 APR VALOES	•0	.0	
BP 2.08:	ALTERNATE USES OF LAND	•0	.0	.0	.0	.0	
BP 3.03:	PHRAT	•0	•0	•0	.0	.0	
BP 3.04:	SHALL CRAIMS OTHER THAN	.0 anner	-0	-0	-0	-0	
		.0	• 0	.0	•0	.0	
BP 3.08:	SUGAR	•0	•0	•0	• 0	.0	
BP 3.09:	PORAGE, SANGE, & PASTURE	4.8	-0	•0	٠.۵	4.6	6
BP 3.14:	FROETABLE CROPS	٠0	.0	•0	.0	.0	
BP 3.15:	PLANTS TO ENGANCE THE EN	· D	.0	.0	•0	•0	
BP 3. 16:	BERS 6 OTHER POLLIMATING	INSECTS .0	.0	•0	-0	-0	
RP 4.01:	BESF	.0	•0	.0	•0	.0	е
BP 4.02:	DAIST	.0	.0	.0	.0	•0	1
BP 4.04:	SRESP	.0	.0	• 0	.0	.0	
BP 4.06:	OTABR ANIMALS (BORSES, G	OATS, PETS,	LABORAT	OBI, RTC.)	-0	.0	
BP 4.07:	AQUATIC FOOD & PEEDSTOFF	3 .0	.0	.0	.0	•0	
8P 5.01:	ROILIGION 9 0001	.0	-0	.0	.0	-0	
RP 5.02;	FOOD SAFETY	.0	.0	.0	.0	.0	
BP 5.03;	BORAL DEVELOPMENT & QUAL	ITT OP PABI			,0	-0	2
RP 6.03;	HABRETING & CONFESTITION	.0	.0	.0	.0	.0	2
RP 7.011	GREERL RESOURCE OR TECH		.0	.0	.0	.0	]
BP 9.01:	ONCLASSIFIED	.0	.0	.0	.0	.0	
GRAND TOT	AL	4.9	-0	.0	2.0	6.9	34

BESSARCE	PRODRAM SUMMARY							
		1RS	ESS	PCS/SRS	75	USDA TOTAL	5185	TE COOP
3P 1.01;	SOIL & LAND USE	. 2	.0	+0	.0	.2	3,9	•0
RP 1.02:	WATER & WATERSHEDS	3. 1	.0	•0	.0	3.1	. 9	.0
RP 1.03:	BECREATION	.0	.0					
BP 1.04:	THERENGE LETHER BURLITT			•0	.0	.0	. 4	•0
BP 1.05:	WEATHER MODIFICATION FOR	.0 AGRICULTO	.0 PB 6 FORE	→0 STRY	•0	.0	1.8	.0
BP 1.06:		-4	.0	•0	.0	. 4	. 4	.0
BP 2.02:		.0	.0	•0	-0	• 0	. 7	•0
		.0	-0	• 4	.0	• 0	1.8	.0
2P 2.03:		-0	. 0	, 0	•0	.0	1.9	.0
BP 2.04:	Blevestive Processive 6	MARKRIING (	P FOREST	PRODUCTS	.0	.0	.2	.0
BP 2.05:	PORRST WATERSONDS, SOILS	. POLIBITION	.0	.0	2.3	2.3	. 4	-0
RP 2.06:	PORRST BANGE GILDLIPE 6	PISHRBIRS F	ADITAT DE	EVELOPABUT . O	.7	.7	•7	.0
BP 3.01:	COSH							
RP 3.02:	GRAIN SORGHON	.0	.0	.0	•0	.0	• 9	.0
BP 3.03:	EBELT	.0	•0	.0	-0	•0	1.9	-0
BP 3.04:	SELL GRAIDS OTHER THAP	-0	-0	.0	.0	•0	.7	.0
9P 3.06:		.0	• 0	.0	.0	•0	1.0	• 0
	SOYBEAMS	.0	.0	.0	.0	.0	. 1	.0
BP 3.07:	PERMOTS	.0	.0	.0	.0	•0	. 5	.0
RP 3.08:	SUGAP	•0	.0	.0	.0	.0	.1	.0
8P 3.49;	PORAGE, SANGE, 6 PASTURE	3.7	.0	.0	.0	3.7	18.1 🔥	•0
RP 3.10:	COTTON	5.3	•0	.0	.0	5.3	8.0	•0
RP 3.12:	BEN CROPS & BINOR OILSEE	)S						
RP 3-13:	FRUIT	•0	• 0	0	.0	• 0	1.4	.0
RP 3-14:	FEGSTABLE CROPS	.0	• 0	-0	.0	• 0	3.5	•0
IP 3.151	PLINTS TO EVELUCE THE ENT	.0	• 0	-0	.0	.0	6.9	-0
P 4-01:		.0	.0	.0	.0	.0	- 2	40
	BBBF	1.2	-0	.0	.0	1.2	9.4	-0
P 4.021	DAIRT	.0	.0	.0	.0	.0	. 1	.0
P 4.031	POULTRY	.0	•0	.0	•0	.0	. 1	-0
9 4.04:	58 <b>22</b> 9	.1	•0	-0	.0	.1	1, 1	•0
P 4.06:	OTHER ASSESS. GO	ATS, PRTS,	LABORATOR	r, Brc.)	. 0	.0	.3	٠.۵
P 5.01:	HOLDIZIDE 9 0004	.0	.0	-0	.0	.0	1.3	.0
P 5.03:	BURAL DEVELOPMENT & QUALT	TY OF PASTL	I LIVING					
P 6.01:	PARM ADJUSTMENT, PRICES &	. O	• 0	•0	.0	.0	3.9	-0
	SARESTING & COMPRESSION	•0	•0	•0	-0	.0	. 6	.0
	GENERAL RESOURCE OF TECRNI	.0	-0	•0	-0	• 0	4.7	• 0
	CHCLASSIFIED	.0	.0	-0	•0	.0	2.4	• 0
		.0	••	-0	•0	.0	-7	.0
BYAD LOA!	ıı	14.0	.0	.0	3.0	17.0	80.9	.0

TABLE	7-8	STATE	50481Bf	o P	SCIENTIST-VELDS	POR	PI	1977
BESEVECE	PROGRAM	SUBBLE	11					

		ARS	BRS P	3/8#8	75	
RP 1.01:	SOIL & LAND USB	2.0	-0	-0	.0	
BP 1.02;	SATES 6 WATERSBEDS	4.4	1.0	.0	.0	
BP 1.03:	BECEBATION	-0	.0	.0	-0	
RP 1.09:	BRAILEORUBALTY OGSTILAS	•0	-1	.0	-0	
BP 1.05:	SEATHER MODIFICATION POR A	GRICOLTOR	E FORRST	.0	•0	
RP 1.06:	PISH 6 WILDLIPS	_0	.0	.0	.0	
BP 2.01:	INVESTIGATE S PROTESTEE	O. TEER	.0 0.080	.0	11.0	
BP 2.021	TINGRS PLYAGENSET	.0	• 0	.0	16.6	
RP 2.03:	POSEST FROTECTION	.0	.0	-0	26.4	
8P 2.04:	HARVESTING PROCESSING 5 HA	RESTING O	F FOREST P	ecoucts • 0	11.3	
BP 2.05:	POREST WATERSHEDS, SOILS,	ROTTOTION 0.	•0	.0	5.5	
RP 2.06:	POREST BANGE WILDLIPE 6 PI	9888185 8. 0	BITAT DEF	. S	8.0	
RP 2.07:	POREST RECERTION & ABSTER	TICS 6 OT	u Landscap	.O	-0	
RP 2.08:	ALTERNATE OSES OF LAND	.0	•0	.0	1.3	
BP 3.01:	COBB	.0	-0	.0	• 0	
BP 3.03:	SHETZ	2.0	•0	.0	•0	
RP 3.04:	SHALL CRAINS OTHER TRAN VE	RLT .4	.0	.0	.0	
RP 3.06:	SOTBELNS	.0	-0	.0	.0	
BP 3.09:	PORAGE, RANGE, 6 PASTURE	5.5	.0	.0	-0	
BP 3.12;	HEF CROPS & HINOR OILSREDS	4.3	.0	.0	.0	
RP 3.13:	PROIT	2.0	.0	.0	.0	
RP 3.14:	VEGETABLE CROPS	1.0	.0	.0	.0	٠
BP 3.15:	PLANTS TO SHEAMCE THE REFT	BONDENT 4.0	.0	•0	.0	
99 3.161	BEES 6 OTHER POLIZERING I	SECTS .O	.0	•0	.0	
BP 4.01:	1888	.4	1. 2	.0	.0	
RP 4.02:	DATRY	.0	•0	.0	.0	
BP 4-03:	POULTET	.0	.0	.0	.0	
RP 4.04:	SHEEP	.0	.0	.0	.0	
BP 4.05:	SWINE	.0	-0	.0	•0	
RP 4.06:	OTHER AVINALS (BORSES, GO.)				.0	
BP 4.07:	AQUATIC POOD & PREDSTUPPS	.0	.0	.0	.0	
RP 5.01:	FOOD & WOISITION	•0	.0	.0	.0	
RP 5.02:	POOD SAPETY	.0	.0	.0	.0	

BP 5.33; BURAL DRYBLORREST & QUALITY OF FAMILY LIVING

PP 5.04: INSECTS APPRITING HAW & BIS BELOWGINGS

BP 5.05: BESEARCH ON ADMINISTRATION OF BESEARCH .0 .0

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AUS ESS PCS/FBS PS TOTAL SASS INSTS SCHOOLS .01: PARH ADJUSTMENT, PRICES & INCOME .0 .8 .0 .0 .8 .6 .0 .0 .02: FORFIGH AGBICULTURAL TRADE & ECONOBIC DEVELOPMENT .0 .0 .0 .0 .0 .0 .2 .0 .0 .03: BABRETING & COMPRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .01: GZYEPAL RESOURCE OR TECHNOLOGY .4 .0 .0 .0 .0 .0 .4 .22.5 .0 .0 .01: UNCLASSIFIED .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	ABCH	PROCEAN SUNNABI								CI
.01: PARM ADJUSTMENT, PRICES & INCOME .0 .8 .0 .0 .0 .8 .6 .0 .0 .02: FOREIGN AGBICULTURAL TRADE & ECONOMIC DEVELOPMENT .0 .0 .0 .0 .0 .0 .2 .0 .0 .03: SARRETING & COMPRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .01: GEVERAL RESOURCE OR TECHNOLOGY .4 .0 .0 .0 .0 .4 22.5 .0 .0 .01: UNCLASSIFIED .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .7		John South	AVS	RES	PCS/\$85	P.S	05DA TOTAL	SABS	OTH COOP	PORESTE:
O2: FORFIGH AGBICULTURAL THADE & ECONOBIC DEVELOPMENT .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.01:	PARE ADJUSTMENT, PRICES &	INCORE							
-03: BARRETING & COMPETITION .0 .0 .0 .0 .0 2.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	. 02;	FORFIGE AGBICULTURAL TRADE	B & ECONOS	IC DEVE	LOPERNT					
.4 .0 .0 .4 22.5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	-03:	PARKETING & CONFETITION	•0	.0	.0	.0	.0	2.4	.0	
.0 .0 .0 .0 .0 .0 .0	.01:	GEFERAL RESOURCE OR TECHNO		.0	.0	.0	.4	22.5	•0	.0
D TOTAL 26.7 3.1 .0 90.1 109.9 134.3 .0 42.1	01:	UNCLASSIFIED	.0	.0	.0	-0	•0	.0	.0	1.0
	D TOT	'AL	26.7	3. 1	.0	80.1	109.9	134.3	.0	42.1

(PRIDART)

B V-B STATE SUBMABY OF SCIENTIST-YEARS FOR PT 1977

RESEARCE PROCESS SURBAR

RESEARCE	PROCESS SCHEET					
		185	BBS	PCS/S RS	75	USD1 TOTIL
RP 1.01:	SOIL & LIND USE	.0	•0	.0	.0	.0
RP 1.02;	TATER C TATERSEROS	.0	.0	.0	.0	.0
BP 1.03:	BECRBATION	.0	.0	-0	.0	.0
RP 1.0%:	REVIRONNENTAL QUALITY	-0	.0	.0	.0	.0
PP 1.05:	WEATER HODIFICATION PO	B AGBICULTUE	s 6 PORB	STBT .0	.0	. 0
BP 1.06:	PISS 6 WILDLIPS	- 0	• 0	.0	•0	.0
BP 2.01:	INTERTORY 6 APPRAISAL O	P POREST SES	OURCES	.0	9.0	9.0
BP 2.02:	TIMBER MAFAGEMENT	.0	.0	.0	.0	.0
BP 2.03:	PORRST PROTECTION	.0	.0	.0	3.9	3.9
BP 2.05:	PORRST GRIEBSHEDS, SOIL	s, pollo7108	.0	.0	8.2	8.2
8P 2.06:	POREST BLUGB WILDLIPE 6	FISHBRIBS R	O TATION	Byerojaya O	6.7	8.7
BP 2.07:	PORRST BECREATION & ARS	TRETICS 8 OT	B LAWDSC	APB VALUES	1.3	1.3
BP 2.08:	literette uses of fife	.0	.0	.0	.0	.0
BP 3.01:	COSN	.0	. 0	.0	.0	.0
BP 3.03:	MRBFL	.8	.0	.0	.0	. 8
BP 3.04:	SMALL GRAINS OTHER THAN	PBBAT . 2	.0	•0	.0	. 2
RP 3.08:	SOCIB	4.4	.0	.0	.0	4.4
RP 3.09:	PORIGE, SINGE, & PISTUR	B 5.9	.0	.0	.0	5,9
BP 3.13:	PRUIT	.2	.0	•0	.0	. 2
BP 3.14:	VEGETABLE CHOPS	•2	•0	•0	.0	.2
BP 3.15:	PLANTS TO BUBANCE THE B		•0	•0	.0	•0
8P 3.161	BEES & OTHER POLLIFITIES		.0	.0	.0	3.0
RP 9.01:	BBBP	2.3	•0	•0	.0	2.3
BP 4.02;	DATRY	2.6	.0	.0	.0	2.6
BP 4.03:	POULTRY	.0	-0	•0	.0	.0
RP 4.04:	SHEEP	1.7	.0	•0	.0	1.7
BP 9.05:	SWINE	.0	.0	.0	.0	.0
RP 4.06:	OTHER ANIMALS (HORSES, C				-0	.0
RP 5.01:	FOOD & MOTHITION	.0	.0	.0	.0	.0
BP 5.02:	FOOD SEPECT	.9	.0	.0	.0	.9
RP 5.03:	BOBAL DEVELOPMENT & QUAL	ING TO PARE	LI LIVIN	G	.0	
°P 6.01;	PARK ADJUSTMENT, PRICES	\$ INCOMB	.0	.0	.0	.0
03:	HARRIES & COMPRESSION	.0	.0	.0	.0	
RP 7.01:	GENERAL RESOURCE OR TECH	NOTOGA				.0
BP 9.012	OPCLASSIPIED	.6	.0	٠٥	.0	.8
GBAND TOTA	a L	.0 22.9	.0	.0	.0 31.0	.0 53.9

TABLE	4 - B	STATE	SUMBARY	O P	SCIENTIST-YEARS	POB	PY	1977
PESBLACE	PROGRAM	SOUBLE	3.4					

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F 5.04: INSECTS APPECTING HAM 8 HIS BELOWEINGS 1.2

RP 1.06: PISH & WILDLIPB

RD 2.02: TIBBER MANAGEMENT

BP 2.03: FOREST PROTECTION

SP 2.08: ALTERNATE USES OF LAND

BP 2.09: TECHINICAL ASSISTANCE

PP 3.04: SEALL GRAINS OTHER THAN ...

REBOTE SENSING

EP 2.01: INVENTORY & APPRAISAL OF POREST BESCORCES

BP 2.09: HARVESTING PROCESSING & MARKETING OF POREST PRODUCTS

BP 2.06: FOREST RANGE BILDLIPS 6 PISHERIES HABITAT DB98LOPARST 0 .0 .0

EP 2.07: FOREST BECREATION & ABSTHETICS & OTH LANDSCAPE VALUES
.0 .0 .0

PORRST WATERSHEDS, SOILS, POLLUTION

RP 1.07+

EP 2.05:

EP 3.01: COBX

SHEAT

P J. 06: SOIBBARS

P 3.08: SUGAR

P 4.01: BBEF

P 4.02: DAIRY

P 4.03: POOLTRY

P 4.04: SEREP

BP 3.03:

## (PRIMART)

POSBST B SCHOOL	OTH CCOP IVSTS	SARS
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•	.0	3.5
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USDA TOTAL 100 Rhe PCS/SRS 29 BP 1.01: SOIL & LAND USB .0 .0 .0 4.4 BP 1.02: VATER & WATERSHEDS .0 .0 .0 RP 1.04: ENVIRONMENTAL QUALITY ٠.0 . 0

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BP 1.05: REATHER HODIPICATION FOR AGRICULTURE & PORESTRY . 0

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P 3.09: FORAGE, BANGE, & PASTORE P 3. 12: MEW CROPS & MINOR OILSERDS P 3.13: PRUIT P 3. 14: YEGETABLE CROPS P 3.15: PLARTS TO RUBLECE THE SEVEROVMENT P 3-16: BBES & OTHER POLLIPATING INSECTS

P 4.05: SWIFE P 4.06: OTHER BEINALS (HORSES, GOATS, PRIS, LABORATORE, ETC.) P 5-01: POOD & BUTRITION P 5.02: FOOD SAFET P 5.03: RUERL DEVELOPMENT & QUALTET OF PARILY LIFTING

	7-8 STATE SOMMART O PROGRAM SUMBART		10400			•	(PRI
		ARS	883	PCS/58S	PS	CSDL	
RP 6.01:	PARK ADJUSTURET, PRICE	.0	. 0	.0	.0	.0	
BP 6.02:	POPRIGE AGRICULTURAL T	PADE & BCORON	IC DEVE	TERRITO.	-0	.8	
EP 6.03:	HABRETING & COMPETITIO	)u 3. t	1.1	.0	.0	4-2	
RP 7.01:	GREERL BESOURCE OF TR	COBOLOGY 3.1	.0	•0	.0	3. 1	
GRAND TOT	PAL	74.6	1.1	.0	14.7	90.4	

BESEARC	H PROGRAM SUMMARY								
		185	BBS	PCS/SRS	PS	USDA TOTAL	SABS	OTH COOR	FOE SC
BP 1.01	: SOIL & LAND OSB	1.0	-0	.0	٠0	1.0	.8	.0	
BP 1.02	BATAR & WATERSHEDS	1.2	.0	.0	.0	1.2	2.5	.0	
BP 1.04	BRAIBONUBHLYT Önfrita	.0	.0	.0	.0	•0	2, 5	-0	
BP 1.05	PRITERS SODIFICATION FOR	AGRICULTO	.0	.0	.0	.0	.7	-0	
BP 1-061	PISH 6 WILDLIPE	.0	.0	.0	.0	.0	.1	•0	
RP 2.01;	INVESTORY 6 APPRAISAL OF	POREST RE	SOUBCES	.0	.0	.0	1, 2	.0	
EP 2.02:	TINOSE BAVAGEBERT	.0	-0	.0	.0	.0	.7	.0	
RP 2.03;	POREST PROTECTION	.0	.0	.0	.0	.0	.5	.0	
BP 2.05:	PORRET WATERSHEDS, SOILS,	POLLUTIO	*						
EP 2.06:	POREST BANGE WILDLIPE & PI				2.5	2.5	,1	.0	
BP 2.07;	POBEST SECRETION & ABSTHE				3.0	3.0	. 8	•0	
PP 3.01:		.0	.0	.0	.0	.0	.5	•0	
2P 3.03:		•0	.0	•0	.0	.0	. 2	.0	
P 3.04:		.0	.0	.0	.0	• 0	.7	.0	
		.O	•0	.0	.0	, 0	•7	.0	
P 3.08;		.0	.0	.0	.0	, .0	1.1	.0	
P 3.09:		3.3	.0	.0	•0	3, 3	5.9	.0	
iP 3.13;		.0	.0	.0	.0	.0	. 2	.0	
P 3.14:	FEGETABLE CROPS	•0	•0	.0	.0	.0	1.1	.0	
P 3.15;	PLANTS TO BUSINCE THE BUY!	BOUBBUT .4	.0	•0	-0	.4	. 4	.0	
P 3. 16:	BEES & OTHER POLLIMATING I	MSECTS 3.0	.0	.0	.0	3.0	.0	.0	
9 4-01:	BEEF	.3	.0	.0	.0	. 3	6.4	.0	
P 4.02;	DAIRY	.0	.0	.0	.0	.0	1.4	.0	
P 4.03:	POBLTRY	.0	.0	.0	•0	•0	.6	.0	
P 4.04:	SHEEP	.0	•0	.0	.0	.0	4.9	.0	
P 4.06;	OTHER ANIMALS (HORSES, GOAS				.0	.0	.5	.0	
9 5.01:	ROTRITION & GOOR	.0	.0	.0	.0	.0	1.2	.0	
P 5.02:	POOD SAPETY	.0	•0	.0	.0	.0			
e 5.03:	BORAL DRYSLOPHENT & QUALLTY	OP PARIS	LY LIVING				.2	.0	
P 5.04;	INSECTS APPROTING BAN & BIS		-0 Bes _	.0	.0	.0	.6	.0	
6.01:	PARH ADJUSTHEMT, PRICES & I		.0	.0	•0	•0	.3	.0	
6.03:	HYSERIAM & CONSESSION	.0	.0	.0	•0	.0	.9	-0	
7.01;	GENERAL RESOURCE OR TECHNOL	. 0	.0	-0	.0	.0	2. 1	.0	
RAND TOT		•0 9•1	-0 -0	.0 .0	.0 5.5	.0	7.5 47.1	.0	
LL-D IVI		,,,			<b>J.</b> 3	17.0	41.1	.0	

TABLE T-B STATE SUMMARY OF SCIENTIST-TRARS FOR PT 1977 (PRIMARY)

RP 1.01: SOIL & LAWD USE	185	BRS	FCS/SBS	73	USD1 TOTEL	s
RP 3.14: VEGETABLE CROPS	-0	-0	.0	.0	.0	
BP 3.15: PLANTS TO BEHANCE THE BE	O. THERMORIT	.0	•0	.0	•0	1
BP 5.03: RUBAL DRYBLOPHENT 6 QUAL	.0	-0	•0	-0	•0	
BP 6.03; SERRETING & COMPRITION	.0	.0	-0	• 0	• 0	
GRAND TOTAL	.0	.0	.0	.0	-0	
	•0	-0	•0	-0	• 0	١.